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ABSTRACT

Part of a series of competency-based test materials for grades six through ten, this set of nine test booklets for sixth graders contains multiple-choice questions designed to aid in the evaluation of the pupils' library skills. Accompanied by a separate, tenth booklet of illustrations which are to be used in conjunction with the questions, the nine test items cover the following skill clusters: (1) location of library resources, (2) understanding about library materials, (3) using the card catalog, (4) general reference skills, (5) using dictionaries, (6) using encyclopedias, (7) using almanacs, (8) using atlases, and (9) using newspaper, magazine, and periodical indexes. Objectives for all clusters are identified in the first booklet, Location of Resources. (FM)

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Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:
**Location
of Resources**

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

"PERMISSION TO REPRODUCE THIS
MATERIAL HAS BEEN GRANTED BY

D. Hymes

DIRECTIONS TO STUDENTS

1. Read each question carefully.
2. Be careful to note any additional directions for the use of illustrations (for example, sample book pages, drawings, cards).
3. Choose the best answer from the four answers given.
4. Mark the best answer on your sheet.
5. Do not mark on the test or in the student illustration booklet.

TO THE EDUCATIONAL RESOURCES
INFORMATION CENTER (ERIC)."

IR008850

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INTRODUCTION

The Criterion Referenced Assessment Banks and the Criterion Referenced Inventories were developed by the Montgomery County Public-Schools Department of Instructional Resources as part of a comprehensive program of media skills. These evaluation tools represent one component of a unified media program concept which originated in the 1960's, when a concerted effort was made to transform the traditional school library into a unified media center.

In the late 60's and early 70's, the concept of a unified media program was further developed by interrelating media skills instruction with the overall MCPS curriculum.

In 1971, the Department of Educational Media and Technology, now the Department of Instructional Resources, initiated work on a media skills project a) to teach students the necessary skills to learn effectively through the utilization of media resources and b) to help students become independent users and producers of media.

In 1975, as a continuing effort to improve skills instruction, a Scope and Sequence Chart of Instructional Objectives for Media Research and Communication Skills was developed in draft form; and sample assessment measures were provided as models to be used by media specialists and teachers in developing their own assessment measures. In 1978, this chart was revised and produced as the *Instructional Objectives for Information Retrieval and Media Production*, referred to as the "Blue Book." The document was included in the Multidisciplinary Programs section of the 1979 MCPS *Program of Studies*.

Recognizing the need to help media specialists in the planning and implementation of the *Instructional Objectives for Information Retrieval and Media Production*, the Department of Instructional Resources initiated the development of several supporting components. These included increased assistance to media specialists in planning with teachers; the continuing production of media skills activities; the development of a school-wide annual plan of media instruction; and the production of assessment measures to diagnose students' acquisition of the skills outlined in the "Blue Book." It is the assessment component which ultimately led to the development of the Criterion Referenced Assessment Banks and Criterion Referenced Inventories.

In the summer of 1979, a committee selected by the Department of Instructional Resources developed two diagnostic instruments to be used with students in Grades Six and Nine in determining where additional instruction is apt to be needed by each student for the mastery of media skills by the end of Grades Six and Nine. The committee was guided by the following recommendations:

- Items should be written for those objectives considered essential for students' success in Grades Seven and Ten.
- Materials referred to, or illustrations used in conjunction with the items, should represent those materials which are used by students in meeting instructional objectives identified in the various disciplines included in the *Program of Studies*.
- Vocabulary levels of items should be consistent with the grade levels for which they were intended.

Four needs assessment instruments were developed: two Criterion Referenced Assessment Banks, one each for Grade Six and Grade Nine; and two Criterion Referenced Inventories, one each for students entering Grade Seven and Grade Ten. The Criterion Referenced Inventories contain items based upon objectives selected from the Criterion Referenced Assessment Banks.

Both the Criterion Referenced Assessment Banks (CRABS) and the Criterion Referenced Inventories (CRIS) are criterion-referenced rather than norm-referenced since all items correspond directly to the objectives outlined in the *Instructional Objectives for Information Retrieval and Media Production* "Blue Book."

The CRABS contain items organized into skill clusters as outlined in the "Blue Book." Each cluster in CRAB 6 is bound individually, and the entire set is accompanied by a separate booklet of illustrations necessary for the completion of the assessment items. CRAB 9 is bound in one booklet and is also accompanied by a separate booklet of illustrations.

The CRABS should be administered to students prior to instruction or review in any skill area. The media specialist and the teacher should select the appropriate cluster(s) needed to assess students' mastery and administer those items to the students. Using the results, the media specialist and the teacher will determine student groupings and provide the appropriate instruction.

The CRIS contain items organized into one booklet and accompanied by a separate booklet of illustrations. These inventories are to be administered at the beginning of Grades Seven and Ten to determine which skills the students have already acquired and which skills are in need of reinforcement. It is anticipated that these inventories will serve as a valuable tool for media specialists to use with incoming students. It is strongly recommended that the CRABS and the CRIS be used as outlined in order to provide an effective measure of media skills achievement.

Both the *Instructional Objectives for Information Retrieval and Media Production* and the assessment project represent an ongoing commitment by the Department of Instructional Resources to the development of a unified media program.

This commitment will be further extended to include the following:

- The development of Criterion Referenced Assessment Bank 3 and Criterion Referenced Inventory 4

- The correlation of media skills instructional activities with the CRABS, CRIS, and the *Instructional Objectives for Information Retrieval and Media Production*

- The comprehensive evaluation of the *Instructional Objectives for Information Retrieval and Media Production* and the Criterion Referenced Assessment Banks and Inventories

SKILL CLUSTER OBJECTIVES

	Item	Page
SKILL CLUSTER: LOCATION OF RESOURCES		
The student will:		
Explain the arrangement of fiction (I.A.1.b.)	1	3
Explain the arrangement of nonfiction (I.A.1.c.)	2	3
Explain the arrangement of vertical file (I.A.1.g.)	3	3
Use call numbers to locate fiction (I.A.2.b.)	4	3
Use call numbers to locate nonfiction (I.A.2.c.)	5	3
Use call numbers to locate nonprint (I.A.2.d.)	6	4
Explain the composition of call numbers for fiction (I.A.3.b.)	7	4
Explain the composition of call numbers for nonfiction (I.A.3.c.)	8	4
Explain the composition of call numbers for nonprint (I.A.3.d.)	9	4
Use shelf labels to locate specific areas of the collection (I.A.5.)	10-14	5-6

SKILL CLUSTER: UNDERSTANDINGS ABOUT MATERIALS

The student will:		
Explain the function of publisher (II.B.2.c.)	15	9
Explain the function of producer (II.B.2.d.)	16	9
Explain the function of copyright date (II.B.2.g.)	17	9
Explain the function of call number (II.B.2.m.)	18	9
Explain the function of table of contents (II.B.2.o.)	19	10
Explain the function of index (II.B.2.p.)	20	10
Explain the function of glossary (II.B.2.r.)	21	10
Explain the function of bibliography (II.B.2.v.)	22	10
Distinguish fiction and nonfiction (II.B.6.)	23-24	10-11

	Item	Page
Use copyright [date] to determine currency of material (II.B.9.)	25-26	11
Explain copyright of originator (II.B.10.)	27	11
Explain content of vertical file (II.B.11.)	28	12

SKILL CLUSTER: CARD CATALOG

The student will:

Use guide letters and guide words (II.C.1.)	29-36	15-16
Explain the purpose of the card catalog (II.C.2.)	37-38	17
Identify the call number on a catalog card (II.C.3.a.)	39-40	17
Identify the author on a catalog card (II.C.3.b.)	41-43	18
Identify the title on a catalog card (II.C.3.c.)	44-46	18-19
Identify the subject on a catalog card (II.C.3.d.)	47	19
Identify the editor/compiler on a catalog card (II.C.3.e.)	48	19
Identify the illustrator on a catalog card (II.C.3.f.)	49	19
Identify the publisher on a catalog card (II.C.3.g.)	50-53	19-20
Identify the producer on a catalog card (II.C.3.h.)	54	20
Identify the copyright date on a catalog card (II.C.3.i.)	55-58	20-21
Identify the collation on a catalog card (II.C.3.k.)	59-61	21-22
Identify the annotation on a catalog card (II.C.3.m.)	62	22
Differentiate between author, title, and subject cards (II.C.4.)	63-65	22
Determine whether information given in a particular question is the author, title, or subject (II.C.5.)	66-68	23
Identify subjects related to the one being researched (II.C.7.)	69-72	23-24
Identify various kinds of materials, using the media code above the call number (II.C.9.)	73-76	24-25
Use public library catalogs for children's materials (II.C.12.)	77-87	25-28

SKILL CLUSTER: GENERAL REFERENCE SKILLS

Item

Page

The student will:

Identify the similarities and differences between the reference and the nonfiction collection (II.D.1.)	88	31
Determine the most appropriate reference for a particular purpose (II.D.3.)	89-93	31-32
Identify alternative entry words for topic being investigated (II.D.4.)	94-98	32-33 ✓
Locate information arranged in alphabetical order (II.D.9.a.)	99-102	33-34
Locate information arranged in calendar order (II.D.9.b.)	103-105	34-35

SKILL CLUSTER: DICTIONARIES

The student will:

Determine the purpose and content of dictionaries (II.D.2.a.)	106	39
Use guide words and/or letters to locate the appropriate page for a given entry word (II.E.2.)	107-109	39
Locate specific entry words or names (II.E.3.)	112	40
Distinguish between the content of an abridged and an unabridged dictionary (II.E.5.)	110	40
Distinguish between the content of a general and a special dictionary (II.E.6.)	111	40
Interpret information in dictionary entries in a junior/intermediate dictionary (II.E.7.c.)	113-115	40-41
Interpret information in dictionary entries in an advanced dictionary (II.E.7.d.)	116-120	41-42

SKILL CLUSTER: ENCYCLOPEDIAS

The student will:

Determine the purpose and content of encyclopedias (II.D.2.b.)	121	45
Use guide words to locate articles (II.F.4.)	122	45
Locate entry words in the index (II.F.5.)	123	45

	Item	Page
Use subentries in the index (II.F.6.)	124	45
Interpret information in the index entries (II.F.7.)	125-126	46
Identify key words when determining parameters of a topic (II.F.8.)	127-131	46-47
Invert names of persons (II.F.9.)	132-133	47-48
Use cross references such as "See" and "See also" (II.F.13.)	134-135	48
Distinguish between a main heading and a subheading (II.F.14.)	136-138 141-142	48-49 50
Use study aids at the ends of articles (II.F.15.)	139-140	49

SKILL CLUSTER: ALMANACS

The student will:

Determine the purpose and content of almanacs (II.D.2.c.)	143	53
Use the index to locate specific information (II.G.3.)	144-146	53
Use bold face headings to locate relevant segment of the page (II.G.4.)	147-148	54

SKILL CLUSTER: ATLASES

The student will:

Determine the purpose and content of atlases (II.D.2.d.)	149	57
Locate and decode symbols used (II.H.1.)	150-153	57-58
Distinguish between a physical and a political map (II.H.2.)	154-156	58
Identify special maps (II.H.3.)	157-159	59
Identify coordinates and page numbers in the index (II.H.4.)	160-162	59-60
Use coordinates to locate a specific place (II.H.5.)	163-166	60-61

SKILL CLUSTER: NEWSPAPERS, MAGAZINES, AND PERIODICAL INDEXES

Item Page

The student will:

Name the sections of newspapers (II.I.3.)	167-170	65
Distinguish between the function and content of magazines and newspapers (II.B.8.)	171	66
Use the <i>Subject Guide to Children's Magazines</i> to locate specific articles (II.K.1.a.)	172-177	66-67
Use the <i>National Geographic Index</i> to locate specific articles (II.K.1.b.)	178-182	67-68
Decode symbols and abbreviations in entries (II.K.2.)	175-177	67

**DIRECTIONS TO MEDIA SPECIALISTS FOR THE ADMINISTRATION
OF THE CRITERION REFERENCED ASSESSMENT BANK
GRADE SIX**

Before providing instruction in any of the media skills areas, select the appropriate assessments from the bank.

Duplicate the number of answer sheets necessary for those students who will be taking the test.

Give each student an item booklet, an illustration booklet, and an answer sheet.

A sufficient amount of time should be allowed for students to answer the questions at their own pace. Teachers should use their own discretion in deciding whether or not more than one session may be needed for the completion of the test.

Use the answer key provided to correct student answer sheets.

SKILL CLUSTER: LOCATION OF RESOURCES

1. If the following books were arranged in correct shelf order, which would come first?

- a) *The Borrowers* by Mary Norton
- b) *Roll of Thunder, Hear My Cry* by Mildred D. Taylor
- c) *Stranger in the Ball Club* by Alfred Slate
- d) *The White Mountains* by John Christopher

2. In which order are nonfiction books placed on the shelves?

- a) By classification number
- b) By copyright date
- c) By title
- d) By size

3. How are vertical file materials arranged within each drawer?

- a) Numerically
- b) Alphabetically
- c) Chronologically
- d) Geographically

4. Which of these materials is fiction?

- a) 1
- b) 2
- c) 3
- d) 4

1	2	3	4
92 WAS	920 EVA	KIT 398.2 B	F BAN

5. Which of these represents a nonfiction book?

- a) 1
- b) 2
- c) 3
- d) 4

1	2	3	4
031 G	E W	KIT F BYA	SC TAR

6. Which of these represents a nonprint item?

- a) 1
- b) 2
- c) 3
- d) 4

1 2 3 4

F AND	612 ELG	REF 031 WOR	KIT F ALE
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7. What information is given by the call number of a fiction book?

- a) Type of book and title
- b) Type of book and illustrator
- c) Type of book and author
- d) Type of book and publisher

8. What information is given by the call number of a nonfiction book?

- a) Classification number and title
- b) Classification number and author's name
- c) Classification number, author's name, and title
- d) Classification number, author's name, and copyright date

9. What information is given in this call number?

Record 292 BUL

- a) Type of material, copyright date, first three letters of author's last name
- b) Author's name, copyright date, first three letters of the title
- c) Title, number of pages, first three letters of author's last name
- d) Type of material, Dewey number, first three letters of author's last name

TO ANSWER QUESTIONS 10 THROUGH 14, USE ILLUSTRATION 1: SHELF ARRANGEMENT.

10. On which shelf would you find a book with the call number 612.13?

- a) 599 MAMMALS
- b) 612 HUMAN BODY
- c) 629 AERONAUTICS
- d) 640 COOKBOOKS

11. On which shelf would you find a book entitled *Fossil Dinosaurs*?

- a) 551.5
- b) 568
- c) 598.1
- d) 598.2

12. Which subject is arranged first on the shelves?

- a) COOKBOOKS
- b) HUMAN BODY
- c) LANGUAGE
- d) MAMMALS

13. Which books are found on the shelf following the 599's?

- a) 598.1 REPTILES
- b) 598.2 BIRDS
- c) 608 INVENTIONS
- d) 640 COOKBOOKS

14. Which books are shelved directly after those marked 400?

- a) 510 MATH
- b) 530 CHEMISTRY
- c) 598.1 REPTILES
- d) 612 HUMAN BODY

Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:

**Understanding
About Materials**

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

DIRECTIONS TO STUDENTS

1. Read each question carefully.
2. Be careful to note any additional directions for the use of illustrations (for example, sample book pages, drawings, cards).
3. Choose the best answer from the four answers given.
4. Mark the best answer on your sheet.
5. Do not mark on the test or in the student illustration booklet.

SKILL CLUSTER: UNDERSTANDINGS ABOUT MATERIALS

15. What is the major responsibility of a publisher?
- a) Makes copies of printed material
 - b) Designs art work for advertisements
 - c) Writes reviews for magazines
 - d) Illustrates pamphlets for schools
16. What is the major responsibility of a producer?
- a) Designs the scenery
 - b) Organizes the program
 - c) Writes the script
 - d) Plans the special effects
17. The copyright date is used to indicate which of the following?
- a) Date of purchase of book by the original buyer
 - b) Date of completion of book by the author or editor
 - c) Date of registration of book with proper authorities
 - d) Date of submission of book to the publisher
18. Which of these would you use to locate an item in the media center?
- a) Title
 - b) Annotation
 - c) Call number
 - d) Copyright date

19. Which part of a book would list the order of chapter titles and their page numbers?
- a) Foreword
 - b) Table of contents
 - c) Index
 - d) Title page
20. Which of these would you use to find the page number of a specific topic or illustration?
- a) Index
 - b) Table of contents
 - c) Appendix
 - d) Preface
21. Which of the following best describes a glossary?
- a) A list of books written by an author on a specific subject
 - b) A brief description of the book by the author
 - c) An alphabetical listing of words with their definitions
 - d) An alphabetical listing of references on a specific subject
22. Which of the following best describes a bibliography?
- a) A list of references on a subject
 - b) A list of topics discussed in a book
 - c) A story of a person's life
 - d) A collection of maps and charts
-
23. Which of these would probably be found in the **nonfiction** rather than in the **fiction** section?
- a) A collection of short stories about talking animals
 - b) A description of social life on Mars
 - c) A famous scientist's discovery of an enchanted island
 - d) A collection of Greek and Roman myths and legends

24. Which of these would probably be found in the **fiction** rather than in the **nonfiction** section?

- a) Directions for producing a play based on an African folktale
- b) A brief summary of the life of an imaginary inventor
- c) A series of directions for making and flying model rockets
- d) A time line of events in Egyptian history

TO ANSWER QUESTIONS 25 AND 26, USE ILLUSTRATION 2: PAGE SAMPLES.

25. Which sample represents the most recent material?

- a) 1
- b) 2
- c) 3
- d) 4

26. Which sample represents the oldest material?

- a) 1
- b) 2
- c) 3
- d) 4

27. Which of these defines "copyright"?

- a) Permission to copy correctly
- b) Legal protection against reproduction
- c) Letter to the publisher
- d) Summary of contents

28. In which of these would you most likely find a collection of pamphlets, booklets, charts, and pictures about different topics?

- a) The nonfiction section
- b) The reference section
- c) The nonprint collection
- d) The vertical file

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Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:

Card Catalog

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

DIRECTIONS TO STUDENTS

1. Read each question carefully.
2. Be careful to note any additional directions for the use of illustrations (for example, sample book pages, drawings, cards).
3. Choose the best answer from the four answers given.
4. Mark the best answer on your sheet.
5. Do not mark on the test or in the student illustration booklet.

SKILL CLUSTER: CARD CATALOG

TO ANSWER QUESTIONS 29 THROUGH 32, USE ILLUSTRATION 3: CARD CATALOG — OUTSIDE GUIDES.

29. In which drawer would you find a listing of materials about the history of the African kingdom of Mali?
- a) Ma-Mi
 - b) I-J-K
 - c) G-H
 - d) Mj-Mz
30. In which drawer would you find a listing of materials about Ancient Rome?
- a) A
 - b) Rf-Rz
 - c) Q-Re
 - d) O
31. In which drawer would you find the author of *The Tattooed Potato and Other Clues*?
- a) C
 - b) O
 - c) P
 - d) T
32. In which drawer would you find a listing of nonprint materials on energy sources?
- a) S
 - b) Ma-Mi
 - c) E-F
 - d) N

TO ANSWER QUESTIONS 33 THROUGH 36, USE ILLUSTRATION 4: CARD CATALOG — INSIDE GUIDES.

33. Between which two guide cards would you locate a listing of books by Eleanor Estes?

- a) ECOLOGY and EGYPT
- b) EGYPT and ELECTRICITY
- c) ELECTRICITY and ENERGY
- d) ENERGY and EUROPE

34. Between which two guide cards would you locate a listing of materials about electrons?

- a) ECOLOGY and EGYPT
- b) EGYPT and ELECTRICITY
- c) ELECTRICITY and ENERGY
- d) ENERGY and EUROPE

35. After which guide card would you locate the title card for *The Endless Steppe: Growing Up in Russia*?

- a) ECOLOGY
- b) EGYPT
- c) ELECTRICITY
- d) ENERGY

36. Before which guide card would you locate the author card for a book by Roger Elwood?

- a) ECOLOGY
- b) EGYPT
- c) ENERGY
- d) EUROPE

37. What is the purpose of the media center card catalog?

- a) To show which books have been taken out of the media center
- b) To help the media specialist select books for purchase for the media center
- c) To list the authors, titles, and subjects of all books in print
- d) To list the authors, titles, and subjects of all materials in the media center

38. Where should you look first to find out how many books the media center has about electricity?

- a) Card catalog
- b) Vertical file
- c) Nonfiction section
- d) Public library catalog

TO ANSWER QUESTIONS 39 THROUGH 65, USE ILLUSTRATION 5: CATALOG CARDS.

39. What is the call number on card 3?

- a) 474p
- b) 891.7M
- c) 1825
- d) 1967

40. What is the call number on card 1?

- a) 1969
- b) 33 1/3 rpm
- c) S 166/M166
- d) Kit 398.2 AME

41. Who is listed as the author on card 4?

- a) Joyce Arkhurst
- b) Jerry Pinkney
- c) How Spider
- d) none listed

42. Who is listed as the author on card 2?

- a) Farrar Straus
- b) Madeleine L'Engle
- c) Simon Bolivar
- d) none listed

43. Who is listed as the author on card 1?

- a) Paul unyan
- b) John Henry
- c) Joe Magarac
- d) none listed

44. What is the title on card 1?

- a) *Paul Bunyon*
- b) *Pecos Bill*
- c) *Casey Jones*
- d) none of the above

45. What is the title on card 2?

- a) *Mystery and Detective Stories*
- b) *Trip to Venezuela*
- c) *Dragons in the Waters*
- d) none of the above

46. What is the title on card 3?

- a) *A Harvest of Russian Children's Literature*
- b) *First Anthology in English of Russian Literature*
- c) *Children's Literature Collections*
- d) none of the above

47. What is the subject on card 1?

- a) American Folklore
- b) Paul Bunyan
- c) Casey Jones
- d) Folklore — U.S.

48. Which of the four cards lists an editor?

- a) 1
- b) 2
- c) 3
- d) 4

49. Which of the four cards lists an illustrator?

- a) 1
- b) 2
- c) 3
- d) 4

50. Who is listed as the publisher on card 1?

- a) Joe Magarac
- b) Casey Jones
- c) John Henry
- d) none of the above

51. Who is listed as the publisher on card 1?

- a) Farrar Straus
- b) Madeleine L'Engle
- c) Simon Bolivar
- d) none of the above

52. Who is listed as the publisher on card 3?

- a) Miriam Morton Company
- b) Ruth Hill Viguers
- c) University of California Press
- d) none of the above

53. Who is listed as the publisher on card 4?

- a) Cooper
- b) Pinkney
- c) Little
- d) none of the above

54. Who is listed as the producer on card 1?

- a) Coronet
- b) Magarac
- c) Henry
- d) Jones

55. When was the material on card 1 copyrighted?

- a) M166
- b) 1966
- c) $33\frac{1}{3}$
- d) none of the above

56. When was the material on card 2 copyrighted?

- a) 11-6
- b) 293p
- c) 1976
- d) none of the above

57. When was the material on card 3 copyrighted?

- a) 474p
- b) 1967
- c) 8917
- d) none of the above

58. When was the material on card 4 copyrighted?

- a) 58p
- b) 1964
- c) 3982
- d) none of the above

59. Which cards indicate that there are illustrations?

- a) 1 and 2
- b) 2 and 3
- c) 3 and 4
- d) none of the above

60. Which card tells you there are 58 pages in the book?

- a) 1
- b) 2
- c) 3
- d) 4

61. What is the speed of the phonodiscs listed on card 1?

a) S166

b) M166

c) 6s 12"

d) 33 1/3 rpm

62. Which cards have annotations?

a) 1 and 2

b) 2 and 3

c) 3 and 4

d) none of the above

63. Which card is a subject card?

a) 1

b) 2

c) 3

d) 4

64. Which card is an author card?

a) 1

b) 2

c) 3

d) 4

65. Which cards are title cards?

a) 1 and 2

b) 1 and 3

c) 1 and 4

d) 2 and 3

66. Which of these questions could best be answered by finding a **title card** in the card catalog?

- a) Who is the author of *It's Like This Cat*?
- b) How many books do we have that were written by Betsy Byars?
- c) How can I find out what to feed my new canary?
- d) Which of Jean George's books takes place in Alaska?

67. Which of these questions could best be answered by finding an **author card** in the card catalog?

- a) What equipment is needed to play soccer?
- b) Who wrote *Motors and Engines and How They Work*?
- c) Who is the author of *The Pony Express*?
- d) What is the name of a book by Jean George?

68. Which of these questions could best be answered by finding a **subject card** in the card catalog?

- a) Does the media center have a book called *The High King*?
- b) Is Jennie Hall the author of *Buried Cities*?
- c) How many books about snakes are there in the media center?
- d) Did S. Gleanntan write the book *Birds in Their Nests*?

TO ANSWER QUESTIONS 69 THROUGH 72, USE ILLUSTRATION 6: CATALOG CARDS.

69. Which topic in sample card 1 is **not** suggested as an additional source of information on atomic energy?

- a) ATOMIC BOMB
- b) ATOMIC REACTIONS
- c) NUCLEAR ENGINEERING
- d) NUCLEAR REACTORS

70. Which topic in sample card 2 is suggested as an additional subject to investigate when looking up astronomy?

- a) SEASONS
- b) TELESCOPES
- c) SPACE
- d) GALAXY

71. Which topic in sample card 3 is not suggested as an additional source of information on space vehicles?

- a) outer space — exploration
- b) space travel
- c) moon — exploration
- d) planets

72. To which of these topics in sample card 4 would you look for additional information on ecology?

- a) teaching resources
- b) our world today
- c) your role in ecology
- d) natural resources

TO ANSWER QUESTIONS 73 THROUGH 76, USE ILLUSTRATION 7: CATALOG CARDS.

73. What kind of material is represented by card 2?

- a) Chart
- b) Filmstrip
- c) Game
- d) Model

74. What kind of material is represented by card 4?

- a) Filmloop
- b) Kit
- c) Magazine
- d) Record

75. What kind of material is represented by card 1?

- a) Book
- b) Filmloop
- c) Kit
- d) Model

76. What kind of material is represented by card 3?

- a) Book
- b) Filmloop
- c) Game
- d) Record

TO ANSWER QUESTIONS 77 THROUGH 81, USE ILLUSTRATION 8: MONTGOMERY COUNTY PUBLIC LIBRARIES *CHILDREN'S BOOK CATALOG — SUBJECTS*.

77. How many different books do the Montgomery County Public Libraries have on Ghana?

- a) two
- b) four
- c) five
- d) six

78. How many different books about Geronimo are available at the Gaithersburg branch of the Montgomery County Public Libraries?
- a) two
 - b) three
 - c) four
 - d) five
79. Which of these books about Ghana was published most recently?
- a) *Ashanti of Ghana*
 - b) *Camera on Ghana — The World of a Young Fisherman*
 - c) *Talking Drums of Africa*
 - d) *Land and People of Ghana*
80. How many branches of the Montgomery County Public Libraries have copies of *Aidan Chambers Book of Ghosts and Hauntings*?
- a) two
 - b) seven
 - c) eighteen
 - d) one hundred and thirty-three
81. Under what other topic would you find material on germs?
- a) Germfree life
 - b) Germ research
 - c) Micro-organisms
 - d) Micro-organic

TO ANSWER QUESTIONS 82 THROUGH 84, USE ILLUSTRATION 9: MONTGOMERY COUNTY PUBLIC LIBRARIES CHILDREN'S BOOK CATALOG — AUTHOR SECTION OF TITLES-AUTHORS.

82. Which of the following books in the Montgomery County Public Libraries was not written by Marguerite Lofft DeAngeli?

- a) *Indian Tales*
- b) *Door in the Wall*
- c) *Bright April*
- d) *Thee Hannah*

83. What is the call number of *Jeb Stuart* by Lena Young De Grummond?

- a) J 621
- b) J 797.124
- c) J 808.83876
- d) JB S931

84. How many books by Meindert De Jong are listed in the Montgomery County Public Libraries catalog?

- a) one
- b) four
- c) seven
- d) nine

TO ANSWER QUESTIONS 85 THROUGH 87, USE ILLUSTRATION 10: MONTGOMERY COUNTY PUBLIC LIBRARIES CHILDREN'S BOOK CATALOG — TITLE SECTION OF TITLES-AUTHORS.

85. What is the call number of *Creepy Crawly Things, Reptiles and Amphibians*?

- a) J 155.455
- b) J 507
- c) J 598.1
- d) J 841

86. In how many branches of the Montgomery County Public Libraries would you find *Cricket in Times Square*?

- a) five
- b) eight
- c) nineteen
- d) twenty

87. What type of material is *Cricket and Other Friends*?

- a) Fiction book
- b) Nonfiction book
- c) Record
- d) Biography

Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:

General
Reference Skills

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

DIRECTIONS TO STUDENTS

1. Read each question carefully.
2. Be careful to note any additional directions for the use of illustrations (for example, sample book pages, drawings, cards).
3. Choose the best answer from the four answers given.
4. Mark the best answer on your sheet.
5. Do not mark on the test or in the student illustration booklet.

SKILL CLUSTER: GENERAL REFERENCE SKILLS

88. How are nonfiction and reference collections alike?
- a) Both contain books that are based on factual information.
 - b) Both contain books that are revised yearly.
 - c) Both have books with letters above the call numbers.
 - d) Both contain a variety of subjects within single volumes.
89. Which reference source would you use to find general information about astronomy?
- a) *Dictionary of Proper Names*
 - b) *Encyclopedia Americana*
 - c) *Goode's World Atlas*
 - d) *Hammond Nature Atlas of America*
90. Which reference source would you use to find a few important facts on Rachel Carson and her work?
- a) *Roget's Thesaurus*
 - b) *Webster's Geographical Dictionary*
 - c) *Webster's Biographical Dictionary*
 - d) *Webster's New Students Dictionary*
91. Which of these would you use to locate a brief history of Greece?
- a) An abridged dictionary
 - b) A biographical dictionary
 - c) A geographical dictionary
 - d) An unabridged dictionary

92. Where would you locate the correct pronunciation of the word "spectroscope?"

- a) *World Almanac*
- b) *Webster's Unabridged Dictionary*
- c) *Dictionary of Mythology, Folklore and Symbols*
- d) *McGraw Hill Yearbook of Science and Technology*

93. Which reference source would provide the most current population figures on Maryland?

- a) *World Book Encyclopedia*
- b) *Webster's Geographical Dictionary*
- c) *Rand McNally Atlas of the United States*
- d) *World Almanac and Book of Facts*

94. If you were researching modern ways of heating houses, what other topic could you investigate?

- a) Solar energy
- b) Engines
- c) Power
- d) Gasoline

95. If you were researching mythology, what other topic might you investigate?

- a) Short stories
- b) Poetry
- c) Mysteries
- d) Legends

96. The card catalog does not use cars as a subject heading. For special information, where else should you look?

- a) Transportation
- b) Wheeled vehicles
- c) Automobiles
- d) Racing cars

97. What other topic could you investigate to find information on feeding parakeets?

- a) Feeding
- b) Flight
- c) Pets
- d) Seeds

98. Under what entry word would you look for information about planes?

- a) Flying
- b) Air travel
- c) Space
- d) Airplanes

TO ANSWER QUESTIONS 99 THROUGH 102, USE ILLUSTRATION 11: *CASSELL'S SPANISH-ENGLISH DICTIONARY*.

99. Which of the following words comes first in the sample?

- a) jesusear
- b) jeta
- c) jetar
- d) jibia

100. Which is the first word in the sample to begin with the letters j e r?

- a) jerarca
- b) jerbo
- c) jera
- d) jerapellina

101. Which of the following words comes directly before the word **jineta** in the sample?

- a) **jinete**
- b) **jinetear**
- c) **jimenzar**
- d) **jinestada**

102. Between what two words in the sample would you find the word **jilote**?

- a) **jijona and jilguero**
- b) **jilmaestre and jilocopa**
- c) **jilocopa and jimagua**
- d) **jimagua and jimelga**

TO ANSWER QUESTIONS 103 THROUGH 105, USE ILLUSTRATION 12: *THE AMERICAN BOOK OF DAYS*.

103. On what day of the month is George Washington Carver's death observed?

- a) 1st
- b) 5th
- c) 22nd
- d) 31st

104. On what day of the month was Alaska admitted to the Union?

- a) 3rd
- b) 5th
- c) 22nd
- d) 31st

105. Whose birthday is celebrated on January 19?

a) Stonewall Jackson

b) Robert E. Lee

c) Paul Revere

d) Benjamin Franklin

Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:

Dictionaries

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

DIRECTIONS TO STUDENTS

1. Read each question carefully.
2. Be careful to note any additional directions for the use of illustrations (for example, sample book pages, drawings, cards).
3. Choose the best answer from the four answers given.
4. Mark the best answer on your sheet.
5. Do not mark on the test or in the student illustration booklet.

SKILL CLUSTER: DICTIONARIES

106. Which of these is a correct description of a dictionary?
- a) A book published yearly containing a report or history of the activities of a particular group
 - b) A book that contains articles on a variety of topics usually arranged in alphabetical order by subject
 - c) A book that contains words and their definitions arranged in alphabetical order
 - d) A book that contains information about a particular field of study usually arranged in alphabetical order
107. Listed below are guide words found on four pages of a dictionary. Under which guide words would you find the word **cooperation**?
- a) cooper — copying
 - b) commanding officer — commit
 - c) copyist — corn borer
 - d) courageous — cover
108. If the words **may-meaning** are at the top of a dictionary page, which one of these would be on that page?
- a) mattress
 - b) meat
 - c) mayor
 - d) match
109. Listed below are guide words from the pages of a dictionary. On which page would you find the word **razor**?
- a) range — rare
 - b) rational — ray
 - c) ray — readily
 - d) readiness — reason

110. Which of these best explains the contents of an unabridged dictionary?

- a) Includes the most frequently used words
- b) Contains words having the greatest number of definitions
- c) Defines words of American origin
- d) Includes all the words of a language

111. Which of the following is a special dictionary?

- a) *Webster's Unabridged Dictionary*
- b) *Macmillan's Student Dictionary*
- c) *American Heritage Dictionary*
- d) *Webster's Biographical Dictionary*

TO ANSWER QUESTIONS 112 THROUGH 115, USE ILLUSTRATION 13: *THORNDIKE BARNHART INTERMEDIATE DICTIONARY*.

112. Which entry follows the word merle?

- a) merl
- b) Merlin
- c) mermaid
- d) merman

113. What is the definition of Merlin?

- a) A United States frigate
- b) An imaginary sea maiden
- c) A common European blackbird
- d) The magician who helped King Arthur

114. What part of speech is the word **meson**?

- a) Adjective
- b) Adverb
- c) Noun
- d) Verb

115. Which is the accented syllable in the word **mesdemoiselles**?

- a) mes
- b) de
- c) moi
- d) selles

TO ANSWER QUESTIONS 116 THROUGH 120, USE ILLUSTRATION 14: *WEBSTER'S NEW STUDENTS DICTIONARY*.

116. What is the correct pronunciation of the word **skittish**?

- a) skit — ish'
- b) skitt — ish'
- c) 'skit — ish
- d) 'skit — tish

117. What part of speech is the word **skittle**?

- a) Adjective
- b) Noun
- c) Pronoun
- d) Verb

118. What is the correct meaning of the word **skirl**?

- a) A minor fight in a war
- b) The master of a ship
- c) The high shrill sound of a bagpipe
- d) Any of several small leaping insects

119. Which of these abbreviations indicates the origin of the word **skull**?

- a) S
- b) Sc
- c) Scand
- d) Sk

120. What entry word follows the word **skip**?

- a) **skip**
- b) ski pants
- c) **skipjack**
- d) ski pole

Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:

Encyclopedias

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

INSTRUCTIONS TO STUDENTS

Read each question carefully.

Be careful to note any additional directions for the use of illustrations (for example, book pages, drawings, cards).

Choose the best answer from the four answers given.

Write the best answer on your sheet.

Do not mark on the test or in the student illustration booklet.

SKILL CLUSTER: ENCYCLOPEDIAS

121. Which of these is the correct description of an encyclopedia?

- a) A book containing current statistical information, charts, tables, graphs, calendars, and general information
- b) A book published yearly as a report or a history of the activities of a particular group or organization
- c) A book of short biographies of currently famous people, arranged alphabetically by last name
- d) A book containing articles, usually arranged in alphabetical order by subject, in many areas of information

122. If the words **Greenville-Greenwich** are at the top of an encyclopedia page, which of these could be found on that page?

- a) Grenada
- b) Greenway
- c) Greyhound
- d) Greek

TO ANSWER QUESTIONS 123 THROUGH 126, USE ILLUSTRATION 15: *THE WORLD BOOK ENCYCLOPEDIA RESEARCH GUIDE/INDEX*.

123. Under which topic would you look to locate specific information about the ancient African empire of Songhai?

- a) African History
- b) Songhai
- c) Songhai Empire
- d) Ancient Empire

124. In what volume would you locate a history of Mali, part of the Songhai Empire?

- a) N
- b) So
- c) M
- d) S

125. In which volume would you find a map of the Songhai Empire?
- a) *M*
 - b) *So*
 - c) *S*
 - d) *E*
126. On what page will you find information on the history of Niger, which is a country in the Songhai Empire?
- a) *H: 325*
 - b) *N: 85*
 - c) *N: 324*
 - d) *N: 325*
127. In which encyclopedia entry would you find the most detailed information on the archeological digs of Louis Seymour Leakey?
- a) *Leakey*
 - b) *Archeology*
 - c) *Louis*
 - d) *Excavations*
128. When comparing the religious beliefs of the ancient Greeks and ancient Persians, which encyclopedia articles would you consult?
- a) *Greece and Religion*
 - b) *Persia and Religion*
 - c) *Greece and Persia*
 - d) *Religion and Ancient Cultures*

129. Which articles would you consult for information about the use of stars as a navigation guide?

- a) Stars *and* description
- b) Stars *and* use in navigation
- c) Ships *and* description
- d) Ships *and* use in navigation

130. In which encyclopedia entry would you find information on the colors and temperatures of the stars in a galaxy?

- a) Color
- b) Temperature
- c) Stars
- d) Galaxy

131. Under which encyclopedia entry would you locate information on the shapes, sizes, and history of hot air balloons?

- a) Shapes
- b) Size
- c) History
- d) Balloons

132. In which encyclopedia would you find information about Hans Christian Andersen?

- a) Hans, Christian
- b) Christian, Hans
- c) Andersen, Hans Christian
- d) Christian, Hans Andersen

133. In which encyclopedia article would you locate information about Chief Justice John Marshall?

- a) John Marshall
- b) Marshall, John
- c) Chief Justice
- d) Justice, Chief John Marshall

TO ANSWER QUESTIONS 134 THROUGH 140, USE ILLUSTRATION 16: *THE WORLD BOOK ENCYCLOPEDIA*.

134. Which of these articles would **not** give you additional information about Greece?

- a) Corinth
- b) Sparta
- c) Lemon
- d) Olympic Games

135. To which other article would you refer if you wanted information about Greek writers of the past?

- a) Literature, Greece
- b) Greek Literature
- c) Writers of Greece
- d) Greek Writers

136. Under which main heading would you find a description of Greek manufacturing?

- a) Government
- b) Activities of the People
- c) Manufacturing
- d) Work of the People

137. Under which main heading would you find information about Greek schools?

- a) Activities of the People
- b) Education
- c) History
- d) Life of the People

138. Which of these is a subheading under The Land and Its Resources

- a) Life of the People
- b) Climate
- c) Work of the People
- d) Agriculture

139. Which study aid best organizes the information found in this article on Greece?

- a) Biographies
- b) History
- c) Outline
- d) Questions

140. Which of these would you use to review the information in this article on Greece?

- a) Questions
- b) Other Related Articles
- c) Biographies
- d) Physical Features

TO ANSWER QUESTIONS 141 AND 142, USE ILLUSTRATION 17: *THE WORLD BOOK ENCYCLOPEDIA*.

141. What is the main heading of this encyclopedia article?

- a) Ancient Greeks
- b) Greece, People
- c) Ancient People
- d) Greece, Ancient

142. Which of these is not a subheading in this article?

- a) Climate
- b) Language
- c) Education
- d) Agriculture

Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:

Almanacs

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

DIRECTIONS TO STUDENTS

1. Read each question carefully.
2. Be careful to note any additional directions for the use of illustrations (for example, sample book pages, drawings, cards).
3. Choose the best answer from the four answers given.
4. Mark the best answer on your sheet.
5. Do not mark on the test or in the student illustration booklet.

SKILL CLUSTERS: ALMANACS

143. Which definition is correct for an almanac?

- a) A book containing articles, by subject, on many areas of information
- b) A book published yearly as a history of a particular group or organization
- c) A book containing current statistical information, tables, charts, and general information
- d) A book of maps, often including descriptive text, arranged in geographical order

TO ANSWER QUESTIONS 144 THROUGH 146, USE ILLUSTRATION 18: *THE WORLD ALMANAC AND BOOK OF FACTS*.

144. On what pages will you find information on the height of buildings in Honolulu, Hawaii?

- a) 457
- b) 673
- c) 682-683
- d) information not given

145. On what page will you find information on hieroglyphics?

- a) 720
- b) 722
- c) 851
- d) information not given

146. On what page will you find information on players in the Ice Hockey Hall of Fame?

- a) 683
- b) 838
- c) 886-887
- d) information not given

TO ANSWER QUESTIONS 147 AND 148, USE ILLUSTRATION 19: *THE WORLD ALMANAC AND BOOK OF FACTS*.

147. What is the maximum speed of a reindeer?

- a) 61 mph
- b) 32 mph
- c) 70 mph
- d) information not given

148. The squab is the special name given to the young of which of these animals?

- a) Squid
- b) Skunk
- c) Crab
- c) Pigeon

Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:

Atlases

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

DIRECTIONS TO STUDENTS

1. Read each question carefully.
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3. Choose the best answer from the four answers given.
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SKILL CLUSTER: ATLASES

149. Which of these describes an atlas?

- a) A book containing words and their meanings, usually arranged in alphabetical order
- b) A book of maps, often including descriptive text, arranged in geographical order
- c) A book containing current statistical information, tables, charts, graphs, and general information
- d) A book containing articles, usually in alphabetical order, on many areas of information

TO ANSWER QUESTIONS 150 THROUGH 153, USE ILLUSTRATION 20: *GOODE'S WORLD ATLAS*.

150. Which symbol indicates that lead is found in a particular area?

- a) ▲
- b) △
- c) +
- d) *

151. What mineral is available in Region 1?

- a) Iron ore
- b) Petroleum
- c) Zinc
- d) Bauxite

152. In which region would you find a large deposit of lignite?

- a) 1
- b) 2
- c) 3
- d) 4

153. Which of these is not a natural resource of Region 4?

- a) Petroleum
- b) Copper
- c) Iron ore
- d) Zinc

154. Which of these would not appear on a physical map?

- a) Vegetation
- b) Rivers and lakes
- c) Land masses
- d) Elevation

155. Which of these would not appear on a political map?

- a) Transportation routes
- b) Cities
- c) State and country boundaries
- d) Major industrial areas

156. For which of these would you use a political map?

- a) Determining iron ore deposits within the state of Oregon
- b) Locating the capital of the state of Indiana
- c) Estimating annual rainfall along the Columbia River
- d) Estimating the height of Mount Rainier

TO ANSWER QUESTIONS 157 AND 158 USE ILLUSTRATION 21: *GOODE'S WORLD ATLAS*.

157. Which map would you use to find the area of the United States having the greatest number of people?

- a) 1
- b) 2
- c) 3
- d) 4

158. Which map would you use to locate the heaviest concentration of nickel?

- a) 1
- b) 2
- c) 3
- d) 4

159. Which of these types of maps is not considered a special map?

- a) Economic
- b) Political
- c) Minerals
- d) Population

TO ANSWER QUESTIONS 160 THROUGH 162, USE ILLUSTRATION 22: *GOODE'S WORLD ATLAS*.

160. On which page would you find a map of Rockville, Maryland?

- a) 98
- b) 104
- c) 106
- d) 117

161. What are the coordinates of Roanoke Rapids?

- a) 36-25 N 77-40 W
- b) 37-05 N 79-20 W
- c) 33-08 N 85-21 W
- d) 36-28 N 77-37 W

162. On what page would you locate Rock Island Dam?

- a) 100
- b) 109
- c) 110
- d) none of the above

TO ANSWER QUESTIONS 163 THROUGH 166, USE ILLUSTRATION 23: *HAMMOND WORLD ATLAS*.

163. What are the coordinates you would use to locate Cleve?

- a) A 8
- b) B 6
- c) E 5
- d) F 5

164. What lake falls within the coordinates A 2?

- a) Lake Amadeus
- b) Lake Maurice
- c) Lake Nurrani
- d) Lake Wright

165. What lake is found at the interesection of 136° longitude, 32° latitude?

- a) Lake Cadibarrawirracanna
- b) Lake Eyre
- c) Lake Gairdner
- d) Lake Torrens

166. Indicate the coordinates which locate the Simpson Desert.

- a) A 6
- b) B 2
- c) E 1
- d) G 3

Criterion Referenced Assessment Bank

GRADE

6

SKILL CLUSTER:
**Newspapers,
Magazines, and
Periodical Indexes**

Department of Instructional Resources
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

— DIRECTIONS TO STUDENTS —

1. Read each question carefully.
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**SKILL CLUSTER: NEWSPAPERS, MAGAZINES,
AND PERIODICAL INDEXES**

TO ANSWER QUESTIONS 167 THROUGH 170, USE ILLUSTRATION 24: *THE WASHINGTON POST* NEWSPAPER.

167. From which section of the newspaper was Sample A taken?

- a) Classified
- b) Financial
- c) Editorial
- d) Weather

168. From which section of the newspaper was Sample B taken?

- a) Real Estate
- b) Weather
- c) Index
- d) TV/Radio

169. From which section of the newspaper was Sample C taken?

- a) Classified
- b) Entertainment
- c) Sports
- d) Editorial

170. From which section of the newspaper was Sample D taken?

- a) Classified
- b) Sports
- c) Comics
- d) Entertainment

171. What does a newspaper contain that is not found in a magazine?

- a) Full color illustrations on a news topic
- b) Most recent information on a topic
- c) Editorials and letters to the editor
- d) Advertisements of merchandise

TO ANSWER QUESTIONS 172 THROUGH 177, USE ILLUSTRATION 25: *SUBJECT INDEX TO CHILDREN'S MAGAZINES*.

172. How many articles are listed under the heading of astronomy?

- a) one
- b) two
- c) four
- d) eight

173. Which of these is the name of an article on astrology?

- a) "Sign of the Dog"
- b) "Astrophotography is a Snap"
- c) "Plans for a Starship"
- d) "Skywatch and Tides"

174. Which of these following subjects is suggested as additional sources of information on astronomy?

- a) Satellites
- b) Atmosphere
- c) Gravitation
- d) Astrology

175. In which magazine would you find the article "Not Good at Sports"?

- a) *Explorer*
- b) *My Weekly Reader Eye*
- c) *Young Athlete*
- d) *Ebony Youth Edition*

176. In which month did the articles about astrology appear?

- a) March
- b) April
- c) May
- d) June

177. How many pages long is the article on Aspen?

- a) 1
- b) 2
- c) 20
- d) 40

TO ANSWER QUESTIONS 178 THROUGH 182, USE ILLUSTRATION 26: *NATIONAL GEOGRAPHIC INDEX*.

178. Which of these topics is not related to information about the solar system?

- a) Comets
- b) Moon
- c) Stars
- d) Sun

179. How many articles will you find in the *National Geographic Magazine* on Solar Energy?

- a) two
- b) three
- c) four
- d) five

180. In what issue will you find Friedman's article "The Sun"?

- a) November 1972
- b) November 1965
- c) March 1976
- d) July 1976

181. Which of the articles listed under Solar Energy is illustrated with paintings?

- a) "What's Happening to Our Climate"
- b) "Solar Energy, The Ultimate Powerhouse"
- c) "The Search for Tomorrow's Powerhouse"
- d) "The Next Frontier"

182. In which order are articles arranged beneath each subject entry?

- a) Alphabetically by author
- b) Alphabetically by title
- c) Alphabetically by date
- d) Alphabetically by subject

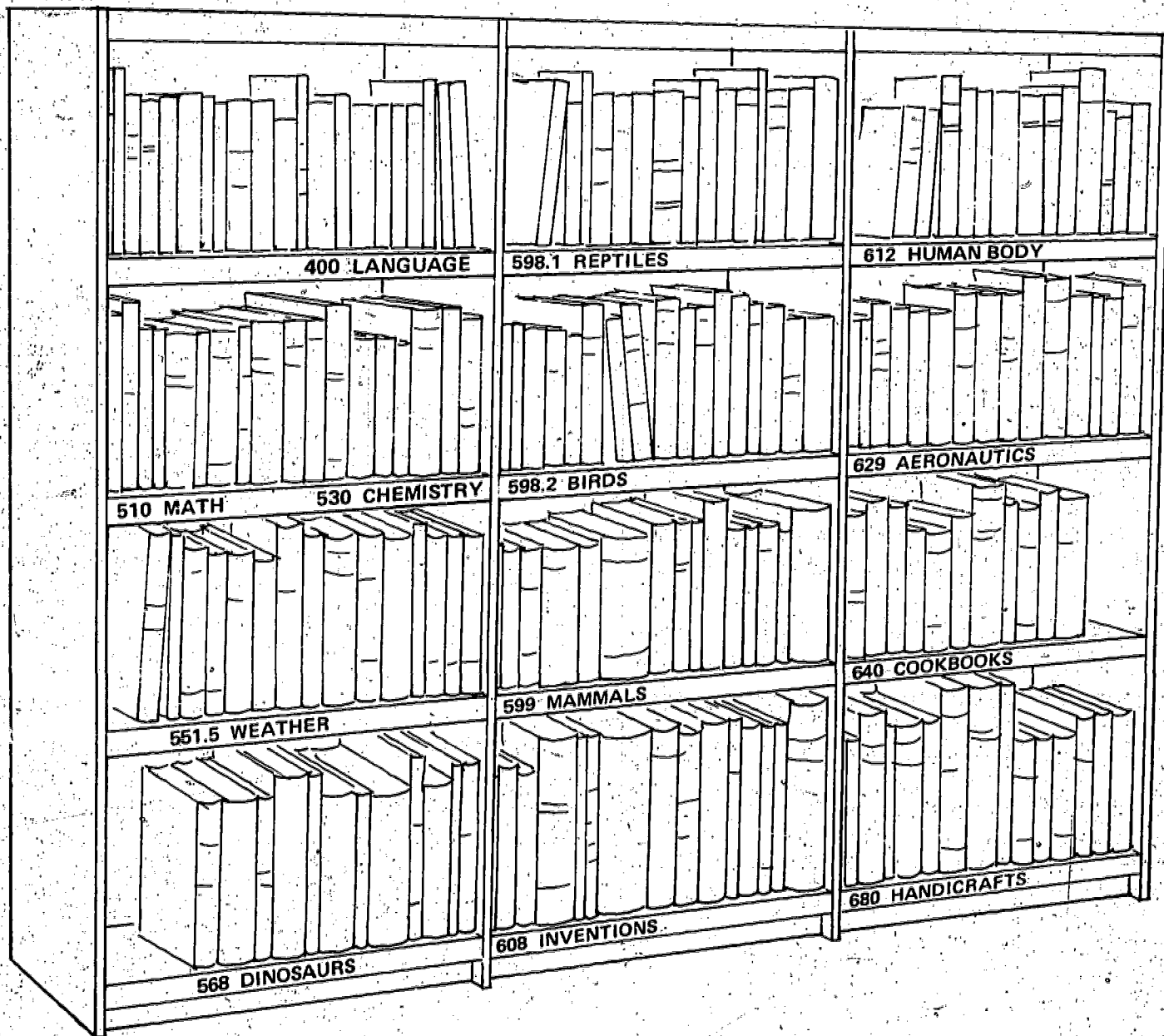
GRADE

6

Dep
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Roel

69

Illustration 1. SHELF ARRANGEMENT



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Library of Congress Catalog Card Number: 67-17925

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 R 75 74 73 72 71 70

Sample 1

Published 1979 by Warwick Press,
730 Fifth Avenue, New York, New York 10019
First published in Great Britain by Longman in 1978
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Library of Congress Catalog Card No. 78-63101
ISBN 0-531-09111-2

Sample 2

Library of Congress Catalog Card Number: 60-51558

1971 Printing

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Published simultaneously in Canada. Printed in the United States of America.

Sample 3

Library of Congress Catalog Number: 77-088508
ISBN (Hardcover): 0-670-39817-9
ISBN (Paperback): 0-449-7-6681-0

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Sample 4

YOUNG PEOPLE'S SCIENCE ENCYCLOPEDIA

ANCIENT CHINA

THE ILLUSTRATED LIBRARY OF SCIENCE, NATURE AND MAN'S ENVIRONMENT

INFORMATION PLEASE ALMANAC

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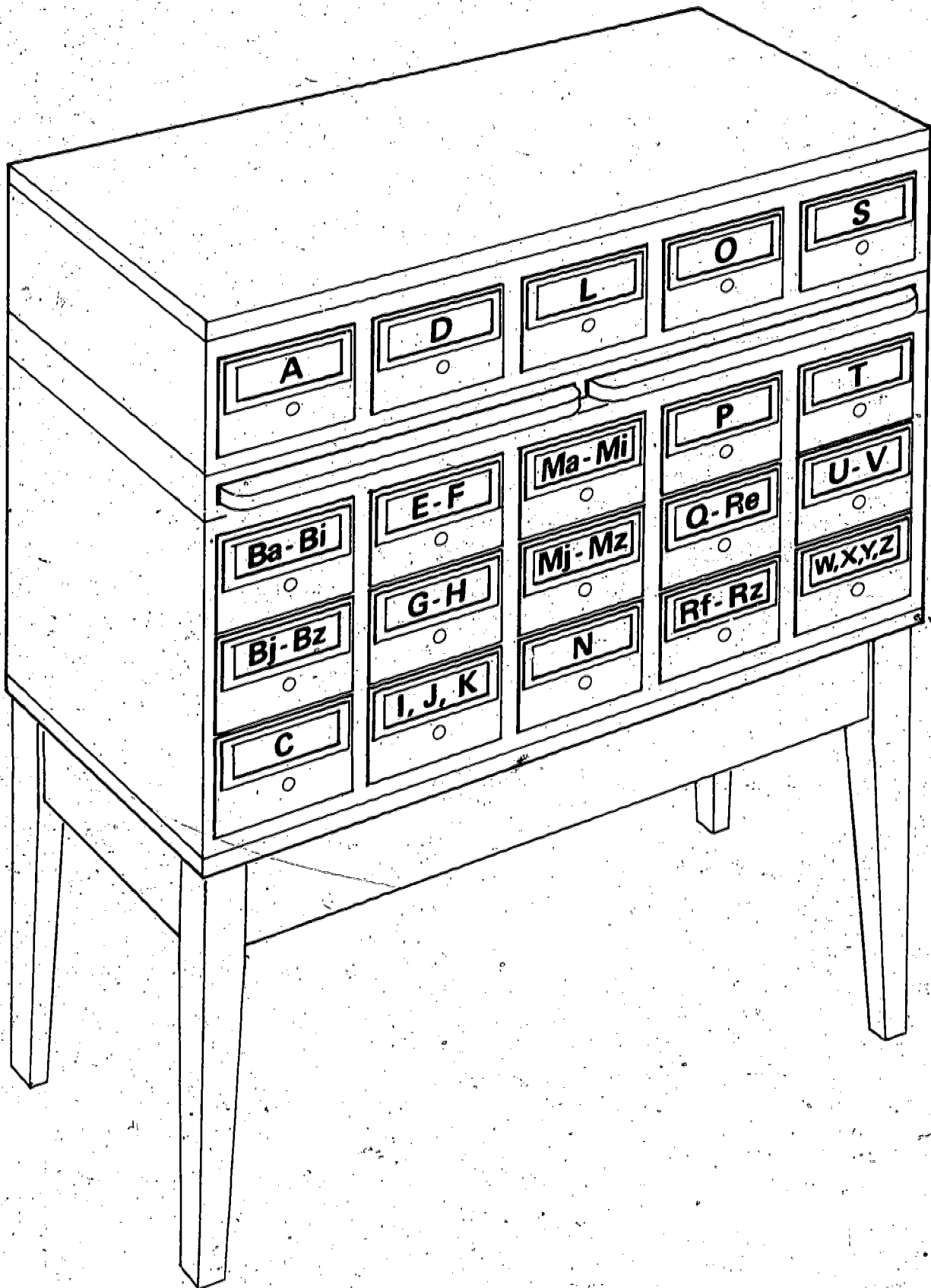


Illustration 4. CARD CATALOG — INSIDE GUIDES

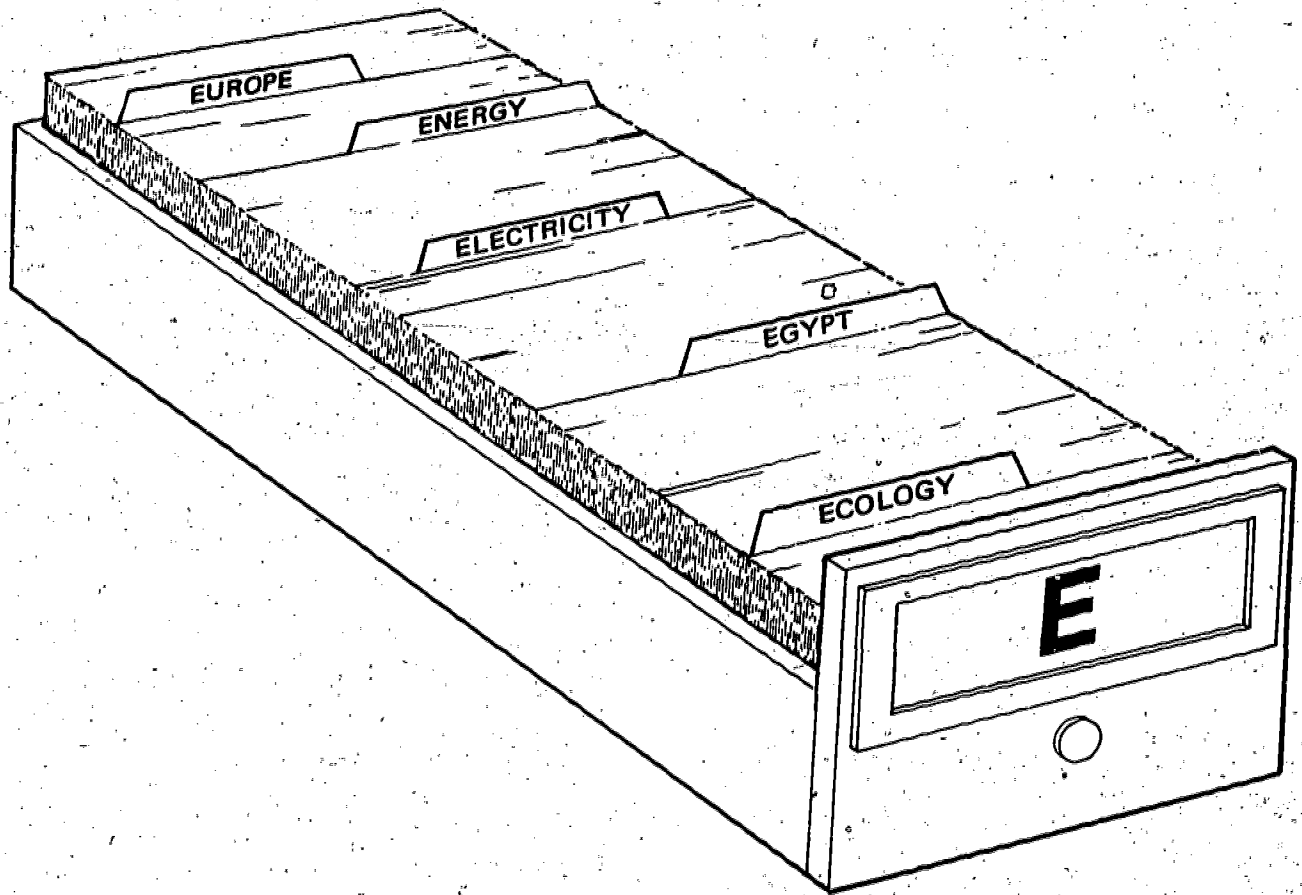


Illustration 5. CATALOG CARDS

Kit
398.2
AME

American folklore. Coronet S166/M166 1969
6 fs. color and phonodiscs: 6s. 12"
33 1/3rpm. or 6 cassettes.

With users' guide.
Contents.- Paul Bunyan.- Mike Fink.-
Pecos Bill.- John Henry.- Joe Magarac.-
Casey Jones.

1 Folklore - U.S. I Title analytics

8-2

Sample Card 1

F
LEN

L'Engle, Madeleine.
Dragons in the waters. Farrar, Straus
1976.
293p.

A thirteen-year-old boy's trip to
Venezuela with his cousin culminates in
murder and the discovery of an unexpected
bond with an Indian tribe, dating from the
days of Simon Bolivar.

1 Mystery and detective stories.
2 Venezuela - Fiction. I Title.
11-6

Sample Card-2

891.7
M

A harvest of Russian children's literature
Morton, Miriam, ed.
A harvest of Russian children's literature; ed. with intro-
duction and commentary, by Miriam Morton; foreword by
Ruth Hill Viguers. Univ. of Calif. Press 1967
474p illus

"This first anthology in English of Russian literature for children pro-
vides a wealth of stories, verse, folktales, fables, and prose poems, from 1825
to the present. . . . The selections are grouped according to their general
popularity with three age ranges: from five to seven; from eight to eleven;
and from twelve to approximately fifteen." Publisher's note
Quarto volume

1 Russian literature—Col-
lections I Title
lections 2 Children's literature—Col-
891.7

Sample Card 3

FOLKLORE—AFRICA, WEST

398.2
A Arkhurst, Joyce Cooper
The adventures of Spider; West African folk tales; re-
told by Joyce Cooper Arkhurst; illus. by Jerry Pinkney.
Little-1964
58p illus

Contents: How Spider got a thin waist; Why Spider lives in ceilings;
How Spider got a bald head; How Spider helped a fisherman; Why
Spiders live in dark corners; How the world got wisdom

1 Folklore—Africa, West 2 Spiders—Stories
I Title j398.2

Sample Card 4

Illustration 6. CATALOG CARDS

ATOMIC ENERGY

see also

ATOMIC BOMB
NUCLEAR ENGINEERING
NUCLEAR REACTORS

Sample Card 1

ASTRONOMY

see also

ECLIPSES
METEORITES
MOON
PLANETS, AND NAMES OF PLANETS
SCIENCE
SEASONS
SOLAR SYSTEM
STARS
TIDES
UNIVERSE

Sample Card 2

SPACE VEHICLES

Kit
629.4
SPA

Space. SVE T485SR 1972
6fs. and phonodiscs: 6s. 12" 33 1/3rpm.
or 3 cassettes

Contents.- Skylab.- Space shuttle.- Inter-
planetary space travel.- Satellites at work.-
Exploring the planets.- Man and the moon.

1 Outer space - Exploration 2 Moon -
Exploration 3 Space vehicles 4 Planets
I Title analytics
2-3

Sample Card 3

ECOLOGY

Kit
301.31
ECO

Ecology and you. Teaching Resources 41031
1972
6fs. color and phonodiscs: 6s. 12"
33 1/3rpm.

With teacher's guide.
Contents.- Earth.- Air.- Water.-
Animals.- Our world today.- Your role in
ecology.

1 Ecology 2 Natural resources
I Title analytics

Sample Card 4

11-2



Illustration 7. CATALOG CARDS

Magnets
Film loop
 507.2
 EXP

Explorations in science. Ealing
 82-0068, 82-0084, 82-0092, 82-0100,
 82-0118, 82-0126, 82-0134, 82-0142,
 82-0159, 82-0167 1969.
 10 reels 4min. color 8mm.

Contents.-The surface of water.-Bulbs and batteries.-Light.-Magnets.-Magnetic patterns.-Springs.-Pendulums.-Liquids.-The microscope.-The microscopic world.

1 Science - Experiments I Title analytics

Sample Card 1

Filmstrip
 534
 WHA

What is sound (*Filmstrip*) Benefic Press, 1961.
 37 fr., color, 35 mm. (What is it series)

With teacher's guide.
 Based on the book of the same title by Gabriel Reuben.
 Summary: Presents basic facts about sound. For elementary grades.

Sample Card 2

Record
 896
 HUG

Poems from Black Africa
 Hughes, Langston.
 Poems from Black Africa. Caedmon TC 1315
 2s. 12" 33 1/3rpm.

Read by James Earl Jones.
 Poems from Sierra Leone, Nyasaland, Ghana, Liberia, Nigeria, South Africa, and oral traditionals.

1 African poetry I Title

Sample Card 3

Kit
 917.52
 MAR

MARYLAND - HISTORY
 Maryland, its history and geography.
 Joseph Mealey 1970
 fs. color and phonodiscs: 12"
 33 1/3rpm. or cassettes

1 Maryland - History 2 Maryland -
 Description and travel

Sample Card 4

GERMANY - FOLK-LORE (CONT.)

GRIMM, JAKOB LUDWIG KARL. WOLF AND THE SEVEN LITTLE KIDS, BY J. L. K. GRIMM. TR. BY KATYA SHEPPARD, WITH PICTURES BY FELIX HOFFMANN. MARCOURT, 1959.
A BK C CH D DM F G K LF N RV S SH T W WO
GRIMM, WILHELM KARL. HANSEL AND GRETEL, A STORY OF THE FOREST, BY W. AND J. GRIMM. MUSIC BY E. HUMPERDINCK AND ILLUS. BY W. CHAPPEL. KNOPF, 1944.
A B BK C CH D DM F G K LF N RV S T W WO J782.1
GRIMM'S FAIRY TALES. CAEDMON TC 1062.
READ BY JOSEPH SCHILOKRAUT.
CONTENTS: TOM THUMB.— OLD MAN AND HIS GRANDSON.— FROG PRINCE.— ELVES AND THE SHOEMAKER.— SLEEPING BEAUTY (BRIAR ROSE).— RUMPELSTILTSKIN.— STAR-MONEY.— RAPUNZEL.
A B BK CH D F K LF P RV S T W WO RECORD L-181
HAVILAND, VIRGINIA. FAVORITE FAIRY TALES TOLD IN GERMANY, RETOLD FROM THE BROTHERS GRIMM, BY V. HAVILAND. LITTLE, 1959.
A B BK C CH D DM G K LB LF N P RV S SH T W WO J398.2
JAGENDORF, MORITZ ADOLF. TYLL ULENSPIEGEL'S MERRY PRANKS. VANGUARD, 1938.
A BK C CH D DM F G K LF N P RV S SH T W WO J398.2
PICARD, BARBARA LECNIE. GERMAN HERO-SAGAS AND FOLK-TALES. WALCK, 1958.
A B C CH D DM K LB LF N RV S SH T W WO J398.2
VAN WOERKOH, DOROTHY. QUEEN WHO COULDN'T BAKE GINGERBREAD: AN ADAPTATION OF A GERMAN FOLK TALE, BY D. VAN WOERKOH. ILLUS. BY P. GALDOONE. KNOPF, 1975.
A B BK C CH D DM G K LB LF N P RV S T W P

GERMFREE LIFE

SILVERSTEIN, ALVIN. GERMFREE LIFE, A NEW FIELD IN BIOLOGICAL RESEARCH, BY A. AND V. B. SILVERSTEIN. LOTHROP, 1970.
A B CH D F K LB LF RV S SH T W WO J576

GERMS SEE MICRO-ORGANISMS.

GERONIMO, APACHE CHIEF

MOODY, RALPH. GERONIMO, WOLF OF THE WARPATH. RANDOM, 1958.
A B CH D DM F G K LF N RV S T W JB G377
SYME, RONALD. GERONIMO, THE FIGHTING APACHE. MORROW, 1975.
A B C CH D DM G K LB LF P RV SH T W WO JB G377
WYATT, EDGAR. GERONIMO, LAST APACHE WAR CHIEF. MCGRAW, 1952.
A BK CH D C K RV S T W WO JB G377

GETTYSBURG, BATTLE OF, 1863

AMERICAN HERITAGE. BATTLE OF GETTYSBURG. AUTHOR - B. CATTON. AMERICAN HERITAGE, 1963.
A B BK C CH D DM F G K LB LF N P RV S SH T W WO J973.734
HASKELL, FRANK ARETAS. BATTLE OF GETTYSBURG, BY F. A. HASKELL. ED. BY B. CATTON. HOUGHTON, 1958.
A B BK D DM F G K LB LF N RV S SH T W WO J973.734
KANTOR, MACKINLAY. GETTYSBURG. RANDOM, 1952.
A B BK CH D DM F G K LB LF N P RV S SH T W WO J973.73

GHANA

BLEEKER, SONIA. ASHANTI OF GHANA. MORROW, 1966.
A B CH F G K LB LF N P RV S SH T W WO J916.667
ENGLEBERT, VICTOR. CAMERA ON GHANA - THE WORLD OF A YOUNG FISHERMAN. MARCOURT, 1971.
A B BK C CH D CH G K LF N P RV S T W WO J916.67
PRICE, CHRISTINE. TALKING DRUMS OF AFRICA. SCRIBNER, 1973.
A B BK C CH D DM G K LB LF N P RV S SH T W WO J781.91
SALE, J. KIRK. LAND AND PEOPLE OF GHANA. REV. ED. LIPPINCOTT, 1972.
A B CH D DM F K LB LF P RV S T W WO J966.7

GHOSTS

SEE ALSO DEMONOLOGY. SUPERSTITION.

CHAMBERS, AICAN. AIDAN CHAMBERS BOOK OF GHOSTS AND HAUNTINGS. PENGUIN, 1973.
A B BK CH D DM F G K LF N P RV S SH T W WO J133.1
KETTLEKAMP, LARRY. HAUNTED HOUSES. MORROW, 1969.
A B BK CH G F G K LB LF P RV S SH T W WO J133.12

GIBBONS, JAMES, CARDINAL

NEWCOMB, COVELLE. LARGER THAN THE SKY, STORY OF JAMES CARDINAL GIBBONS. LONGMANS, 1945.
A B D K LF S T W WO JB G441

GIFTED CHILDREN

SEE ALSO CHILDREN AS ACTORS. CHILDREN AS ARTISTS. CHILDREN AS AUTHORS.

GIFTED CHILDREN (CONT.)

BARBE, WALTER BURKE. PSYCHOLOGY AND EDUCATION OF THE GIFTED: SELECTED READINGS. APPLETON, 1965.
WO J371.95
COUNCIL FOR EXCEPTIONAL CHILDREN. CREATIVITY: A SELECTIVE BIBLIOGRAPHY. RESTON, VA., 1974? (EXCEPTIONAL CHILD BIBLIOGRAPHY SERIES, NO. 667)
WO RJO16.37195
COUNCIL FOR EXCEPTIONAL CHILDREN. GIFTED AND TALENTED: A GENERAL READING TEST; A SELECTIVE BIBLIOGRAPHY. RESTON, VA., 1973. (EXCEPTIONAL CHILD BIBLIOGRAPHY SERIES, NO. 636)
WO RJO16.37195
COUNCIL FOR EXCEPTIONAL CHILDREN. GIFTED AND TALENTED RESEARCH; A SELECTIVE BIBLIOGRAPHY. RESTON, VA., 1973. (EXCEPTIONAL CHILD BIBLIOGRAPHY SERIES, NO. 639)
WO RJO16.37195
COUNCIL FOR EXCEPTIONAL CHILDREN. IDENTIFICATION OF THE GIFTED: TESTS AND MEASUREMENTS; A SELECTIVE BIBLIOGRAPHY. RESTON, VA., 1974? (EXCEPTIONAL CHILD BIBLIOGRAPHY SERIES, NO. 668)
WO RJO16.37195
DELP, JEANNE L. GIFTED AND TALENTED: A HANDBOOK FOR PARENTS, BY J. L. DELP AND R. A. MARTINSON. VENTURA CO. (CALIF.) SUP. OF SCHOOLS, 1975.
WO J371.95
EBERLE, ROBERT F. SCAMPER: GAMES FOR IMAGINATION DEVELOPMENT. D.O.K. PUB., 1971.
WO J371.3
GALLAGHER, JAMES JOHN. TEACHING THE GIFTED CHILD. 2D ED. ALLYN, 1975.
WO J371.95
GETZELS, JACOB W. CREATIVITY AND INTELLIGENCE: EXPLORATIONS WITH GIFTED STUDENTS, BY J. W. GETZELS AND P. W. JACKSON. WILEY, 1962.
WO J155.455

GOWAN, JOHN CURTIS. ACADEMICALLY TALENTED STUDENT AND GUIDANCE, BY J. C. GOWAN AND C. B. BRUCH. HOUGHTON, 1971.
WO J371.95
GOWAN, JOHN CURTIS. EDUCATING THE ABLEST: A BOOK OF READINGS ON THE EDUCATION OF GIFTED CHILDREN, ED. BY J. C. GOWAN AND E. P. TORRANCE. PEACOCK, 1971.
WO J371.95
HOPKINS, LEE BENNETT. CREATIVE ACTIVITIES FOR THE GIFTED CHILD, BY L. B. HOPKINS AND A. F. SHAPIRO. FEARN, 1969.
WO J371.95
HYMAN BLUMBERG SYMPOSIUM ON RESEARCH IN EARLY CHILDHOOD EDUCATION, 3D, JOHNS HOPKINS UNIVERSITY, 1973. MATHEMATICAL TALENT: DISCOVERY, DESCRIPTION AND DEVELOPMENT. ED. BY J. C. STANLEY AND OTHERS. JOHNS HOPKINS, 1974.
WO J371.95
MARTINSON, RUTH A. ABILITIES OF YOUNG CHILDREN, BY R. A. MARTINSON AND M. V. SEAGOE. COUNCIL FOR EXCEPTIONAL CHILDREN, 1967.
WO J371.3
TORRANCE, ELLIS PAUL. GIFTED CHILDREN IN THE CLASSROOM. MACMILLAN, 1965.
WO J371.95

GIFTED CHILDREN - EDUCATION

BRIDGES, SYDNEY. I. Q. - 150. PRIORITY PR., 1973.
WO J371.95
COUNCIL FOR EXCEPTIONAL CHILDREN. GIFTED CHILDREN AND THE ARTS AND HUMANITIES; A SELECTIVE BIBLIOGRAPHY. RESTON, VA., 1974? (EXCEPTIONAL CHILD BIBLIOGRAPHY SERIES, NO. 661)
WO RJO16.37195
COUNCIL FOR EXCEPTIONAL CHILDREN. MATHEMATICS AND SCIENCE FOR GIFTED CHILDREN; A SELECTIVE BIBLIOGRAPHY. RESTON, VA., 1974? (EXCEPTIONAL CHILD BIBLIOGRAPHY SERIES, NO. 656)
WO RJO16.37195
COUNCIL FOR EXCEPTIONAL CHILDREN. PROGRAMMING FOR THE GIFTED; A SELECTIVE BIBLIOGRAPHY. RESTON, VA., 1974? (EXCEPTIONAL CHILD BIBLIOGRAPHY SERIES, NO. 609)
WO RJO16.37195
CUSHENBERY, DONALD C. READING AND THE GIFTED CHILD: A GUIDE FOR TEACHERS, BY D. C. CUSHENBERY AND H. HOWELL. THOMAS, 1974.
WO J371.95
GALLAGHER, JAMES JOHN. GIFTED CHILD IN THE ELEMENTARY SCHOOL. ASSN. OF CLASSROOM TEACHERS OF THE NAT. EDUC. ASSN., 1959.
WO J371.95



- DAVIS, LAVINIA RIKER**
DANNY'S LUCK. DOUBLEDAY, 1953. P
B BK D F N RV S T W
ROGER AND THE FOX. DOUBLEDAY, 1947. P
A B BK CH D DM F K RV S SH T W WO
WILD BIRTHDAY CAKE. DOUBLEDAY, 1949. P
B BK CH F G K RV SH T W
- DAVIS, MAC**
GREATEST IN SPORTS — ALL TIME HEROES OF BASEBALL,
FOOTBALL & TRACK. WORLD, 1972.
A B BK C CH D DM F G K LF RV S SH T W WO J927.96
ONE HUNDRED GREATEST SPORTS HEROES. REV. ED.
GROSSET, 1958.
A B BK CH D F G K LF N P RV S T W WO J927.96
- DAVIS, MARILYN KOHNREICH**
MUSIC DICTIONARY, BY M. K. DAVIS IN COLLABORATION WITH
A. BROIDOW. DOUBLEDAY, 1956.
A B C CH D DM F K LF N P RV S T W WO J780.3
- DAVIS, MARY GOULD**
BAKER'S DOZEN, THIRTEEN STORIES TO TELL AND READ
ALLOUD, ED. BY M. G. DAVIS. HARCOURT, 1930.
A B BK C CH DM F G K LF N P RV S T W WO J398.2
GIRL'S BOOK OF VERSE, AN ANTHOLOGY. 1952 REVISION.
LIPPINCOTT, 1952.
A B C CH D G K LF RV S SH T W WO J821.08
THREE GOLDEN ORANGES AND OTHER SPANISH FOLK TALES, BY
R. S. BOGGS AND M. G. DAVIS. MCKAY, 1936.
A B BK C CH D F G K LF N P RV S T W WO J398.2
- DAVIS, ROBERT**
PADRE PERKO, THE GENTLEMANLY PIG. HOLIDAY, 1948.
A B BK C CH D G K LB LF N P RV T W WO J398.2
- DAVIS, RUSSELL G**
CHIEF JOSEPH, WAR CHIEF OF THE NEZ PERCE, BY R. DAVIS
AND B. ASHABRANNER. MCGRAW, 1962.
A B BK C CH D DM G K LF N RV S SH T W JB J83
LAND IN THE SUN, THE STORY OF WEST AFRICA, BY R. DAVIS
AND B. ASHABRANNER. LITTLE, 1963.
A B BK CH D DM F G K LB LF P RV S T W WO J916.6
LION'S WHISKERS, TALES OF HIGH AFRICA, COMP. BY R.
DAVIS AND B. ASHABRANNER. LITTLE, 1959.
A B BK CH D F G K LB N P RV S SH T W WO J398.2
POINT FOUR ASSIGNMENT, BY R. DAVIS AND B. ASHABRANNER.
LITTLE, 1959.
STORIES FROM THE RECORDS OF THOSE WHO WORK IN
FOREIGN FIELDS FOR THE MUTUAL SECURITY OF FREE
NATIGNS.
A B BK C CH D T WO J338.91
STRANGERS IN AFRICA, BY R. DAVIS AND B. ASHABRANNER.
MCGRAW, 1963.
D RV S T W FICTION
TEN THOUSAND DESERT SWORDS, THE EPIC STORY OF A GREAT
BEDOUIN TRIBE, BY R. DAVIS AND B. ASHABRANNER.
LITTLE, 1960.
A B BK C CH D F G K LB LF P RV S T W WO J398.2
- DAVIS, VERNE I**
DEVIL CAT SCREAMED. MORROW, 1966.
A B BK CH D DM F G K LB LF N P RV S SH T W FICTION
WO
- DAVIS, WILLIAM STEARNS**
LIFE ON A MEDIAEVAL BARONY, A PICTURE OF A TYPICAL
FEUDAL COMMUNITY IN THE THIRTEENTH CENTURY. HARPER,
1951.
A B CH D DM K LF N RV SH T W WO J940.1
- DAMLISH, PETER, PSEUD.**
BOY JACKO. WATTS, 1963.
BK D K LF P S T W FICTION
- DAWSON, CARLEY**
MR. WICKER'S WINDOW, BY C. DAWSON. ILLUS. BY L. WARD.
HOUGHTON, 1952.
BK C D N RV SH FICTION
- DAY, BETH EAGLES**
SECRET WORLD OF THE BABY, BY B. DAY AND M. LILEY.
RANDOM, 1968.
A B BK C CH D DM F G K LB LF N P RV S SH T W J612.6
WO
- DAY, DICK**
COMPLETE BOOK OF KARTING, BY D. DAY AND THE EDITORS OF
KART MAGAZINE. PRENTICE, 1961.
B C CH D K LF T W WO J796.7
- DAY, VERONIQUE**
LANDSLIDE. COMARD, 1963.
A B BK C CH DM K LF N RV S T W WO FICTION
- DAYRELL, ELPHINSTONE**
WHY THE SUN AND THE MOON LIVE IN THE SKY — AN AFRICAN
FOLKTALE, BY E. DAYRELL. ILLUS. BY B. LENT.
HOUGHTON, 1968.
A B BK C CH D DM F G K LB LF N P RV S SH T W WO P
- DE ANGELI, MARGUERITE LOEET (CONT.)**
BOOK OF NURSERY AND MOTHER GOOSE RHYMES. COMP. AND
ILLUS. BY MARGUERITE DE ANGELI. DOUBLEDAY, 1954.
A B BK C CH D DM F G K LB LF N P RV S SH T W WO P
BRIGHT APRIL. DOUBLEDAY, 1946.
A BK C CH D K N RV S T W WO FICTION
BUTTER AT THE OLD PRICE, THE AUTOBIOGRAPHY OF
MARGUERITE DE ANGELI. DOUBLEDAY, 1971.
C JB D284
COPPER-TOED BOOTS. DOUBLEDAY, 1938.
A BK CH D F K LF N RV S T W WO FICTION
DOOR IN THE WALL. DOUBLEDAY, 1949.
A B BK C CH D DM G K LB LF N P RV S SH T W FICTION
WO
ELIN'S AMERIKA. DOUBLEDAY, 1941.
BK C D G N RV S T W FICTION
HENNER'S LYDIA. DOUBLEDAY, 1936.
A B BK CH D DM G K LB LF N RV S SH T W WO FICTION
PETITE SUZANNE. DOUBLEDAY, 1937.
A BK CH D K S T W WO FICTION
SKIPPACK SCHOOL, BEING THE STORY OF ELI SHRAWDER AND
OF ONE CHRISTOPHER DOCK, SCHOOLMASTER ABOUT THE YEAR
1750. DOUBLEDAY, 1939.
B BK G S W FICTION
THEE, HANNAH. DOUBLEDAY, 1940.
A B BK C CH D G K LF N RV S SH T W WO FICTION
YONIE WUNDERNOSE, FOR THREE LITTLE WUNDERNOSES, NINA,
DAVID AND KIKI. DOUBLEDAY, 1944.
A B BK C CH D DM F G K LF N P RV S SH T W WO FICTION
- DE ANGULO, JAIME**
INDIAN TALES. WYN, 1953.
C J398.2
- DE BORHEGYI, SUZANNE**
SHIPS, SHOALS, AND AMPHORAS, THE STORY OF UNDERWATER
ARCHAEOLOGY. HOLT, 1961.
A B D DM G K LB LF N RV S T W J913
- DE CAMP, LYON SPRAGUE**
ENGINES, MAN'S USE OF POWER — FROM THE WATER WHEEL TO
THE ATOMIC PILE. REV. ED. GOLDEN, 1961.
CH D LB RV S WO
ENGINES, MAN'S USE OF POWER — FROM THE WATER WHEEL TO
THE ATOMIC PILE. GOLDEN, 1959.
CH D DM P T WO J621
MAN AND POWER, THE STORY OF POWER FROM THE PYRAMIDS TO
THE ATOMIC AGE. GOLDEN, 1961.
CH D DM F G LB RV S W WO J621
THREE THOUSAND YEARS OF FANTASY AND SCIENCE FICTION,
BY L. S. AND C. C. DE CAMP. LOTHROP, 1972.
A B BK D G LB LF P RV S W WO J808.83876
- DE FONTAINE, MADE HAMPTON**
YOUNG SPORTSMAN'S GUIDE TO SAILING. NELSON, 1961.
B D G LF P S T W J797.124
- DE GRUMMOND, LENA YOUNG**
JEB STUART, BY L. Y. DE GRUMMOND AND L. DELAUNE.
LIPPINCOTT, 1962.
B C D DM F K LF P RV S SH T W JB 5931
- DE JONG, DOLA**
HOUSE-ON-CHARLTON STREET. SCRIBNER, 1962.
A BK G K LB P RV S T W WO FICTION
LEVEL LAND, BY D. DE JONG. DRAWINGS BY P. SPIER.
SCRIBNER, 1943.
BK G LF P S W FICTION
- DE JONG, HEINDEBT**
ALONG CAME A DOG, BY M. DE JONG. ILLUS. BY M. SENDAK.
HARPER, 1958.
A B BK C CH D DM F G K LF N P RV S SH T W WO FICTION
- BIG GOOSE AND THE LITTLE WHITE DUCK, BY M. DE JONG.**
ILLUS. BY N. E. BURKERT. HARPER, 1963.
REISSUE, WITH NEW ILLUSTRATIONS.
A B BK C CH D DM G K LB LF N RV S T W WO FICTION
DAVID BEKOMMT EINEN FREUND. OTTO-MAIER, 1968.
ORIGINAL ENGLISH TITLE: SHADRACH.
P S W JG833
EASTER CAT, BY M. DE JONG. ILLUS. BY L. HOBAN.
MACMILLAN, 1971.
A B BK C CH D G K LF N RV S SH T W WO FICTION
FAR OUT THE LONG CANAL. HARPER, 1964.
A B BK C CH D F G K LF N RV S T W WO FICTION
GOODLUCK DUCK. HARPER, 1950.
B BK FICTION
HORSE CAME RUNNING. MACMILLAN, 1970.
A B BK C CH F K LF RV S W WO FICTION
HOUSE OF SIXTY FATHERS, BY M. DE JONG. ILLUS. BY M.
SENDAK. HARPER, 1956.
A B BK C CH D DM F G K LB LF N P RV S SH T W WO FICTION
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SENDAK. HARPER, 1953.
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jeja

jeja, *n.f.* (*prov.*) white wheat.
 jeito, *n.m.* fishing-net used in the Bay of Biscay.
 jején, *n.m.* (*Cub.*) gnat, gall-midge.
 jema, *n.f.* badly squared part of a beam.
 jermal, *a.* having the length of a *jeme*.
 jeme, *n.m.* distance from the end of the thumb to the end of the forefinger when both are extended; (*coll.*) woman's face.
 jemoso, *-sa, a.* badly squared (of a beam).
 jenabe, *jenable, n.m.* mustard.
 jengibre, *n.m.* ginger.
 jenuén, *n.m.* henequen, sisal hemp.
 jenizaro, *-ra, n.m.f., a.* cross-breed; (*Mex.*) of Chinese and Indian parents; janizary.
 jeque, *n.m.* Moorish old man or chief; (*prov.*) portmanteau.
 jera, *n.f.* ground which can be ploughed in a day with a pair of oxen; present, gift.
 jerapellina, *n.f.* old ragged garment.
 jerarca, *n.m.* (*eccles.*) hierarch.
 jerarquía, *n.f.* hierarchy; important rank.
 jerárquico, *-ca, a.* hierarchical.
 jerbo, *n.m.* jerboa (*Dipus Ægyptius*).
 jeremiada, *n.f.* jeremiad.
 jeremías, *n.m.f.* Jeremiah; whiner.
 jeremiqueo, *n.m.* (*Cub., Chi., PR.*) persistent supplication; whining.
 jerez, *n.m.* sherry wine.
 jerezano, *-na, n.m.f., a.* of or belonging to Jerez.
 jerga, *n.f.* coarse frieze; jargon, gibberish; straw bed; *estar (dejar or poner) una cosa en jerga*, to be begun, but not finished.
 jergón, *n.m.* straw bed; misfit clothes; Kidderminster carpeting; (*coll.*) paunch, belly; (*coll.*) ill-shaped person; (*jewel.*) zircon.
 jerguilla, *n.f.* silk or worsted serge.
 jericoplear, *v.t.* (*Guat., Hond.*) to disturb, to annoy.
 jerife, *n.m.* descendant of Mohammed's daughter Fatima; (*hist.*) the chief authority of Mecca; a member of the reigning dynasty of Morocco.
 jerifano, *-na, a.* pertaining to the *jerife*; *Su Majestad Jerifiana*, His Majesty the Sultan of Morocco.
 jeringonza, *n.f.* (*coll.*) jargon, gibberish, slang; strange and ridiculous action; *andar en jeringonzas*, to cavil, quibble.
 jeringa, *n.f.* syringe; sausage-stuffer.
 jeringar, *v.t.* (*pret.* *jeringué*; *pres. subj.* *jeringue*) to syringe, inject; (*coll.*) to vex, annoy, tease.
 jeringazo, *n.m.* syringing, injecting; clyster, injection.
 jeringuilla, *n.f.* hypodermic syringe; (*bot.*) syringa, mock orange.
 jergolífico, *n.m.* hieroglyph.
 jergolífico, *-ca, a.* hieroglyphical.
 jerosolimitano, *-na, a.* native of Jerusalem.
 jerpa, *n.f.* sterile shoot of a vine.
 jerricote, *n.m.* pottage of almonds, sugar, sage and ginger.
 jerviguilla, *jervilla, n.f.* kind of short boot.
 jesnato, *-ta, a.* child dedicated to Jesus when born.
 Jesucristo, *n.m.* Jesus Christ.
 jesuita, *n.m.* Jesuit; (*coll.*) hypocrite.
 jesuiticamente, *adv.* Jesuitically.
 jesuítico, *-ca, a.* Jesuitical.
 jesuitismo, *n.m.* Jesuitism.
 Jesús, *n.m.* Jesus; *en un decir Jesús*, in an in-

jiquilete

stant; *Jesús mil veces!* good God! no saber ni el Jesús, not to know even the alphabet; *decir los Jesuses*, to assist dying people; *morir sin decir Jesús*, to die very suddenly.
 jesusear, *v.i.* to repeat often the name of Jesus.
 jeta, *n.f.* thick, heavy lips; blubber-lip; hog's snout; (*coll.*) person's face; (*mech.*) faucet, cock.
 jetar, *v.t.* (*prov.*) to dilute, dissolve, liquefy.
 jeto, *n.m.* (*prov.*) empty beehive rubbed with honey to attract bees.
 jetudo, *-da, a.* thick-lipped.
 ¡¡, ¡¡, ¡¡ *interj.* denoting laughter, he! he!
 jibaro, *n.m.* (*Am.*) countryman, rustic.
 jibaro, *-ra, a.* (*Am.*) rustic, rude, run wild; (*Mex.*) of cross-breed.
 jibia, *n.f.* (*zool.*) cuttle-fish.
 jibión, *n.m.* cuttle-fish bone.
 jibaltareño, *-ña, a.* of or from Gibraltar.
 jicara, *n.f.* chocolate cup; gourd-tree.
 jicarazo, *n.m.* large chocolate cup; blow with such a cup; *dar un jicarazo, (coll.)* to give poison to a person.
 jicaron, *n.m.* large chocolate cup.
 jicotea, *n.f.* (*Am.*) tortoise; mud-turtle.
 jifa, *n.f.* refuse of slaughtered beasts.
 jiferada, *n.f.* stroke with a butcher's knife.
 jifería, *n.f.* slaughtering.
 jifero, *-ra, a.* belonging to the slaughterhouse.
 jifero, *n.m.* butcher's knife; butcher.
 jifa, *n.f.* (*ichth.*) xiphias, sword-fish.
 jiga, *n.f.* jig (dance and tune).
 jigote, *n.m.* hash, broth; minced meat.
 jiquilete, *n.m.* indigo-plant.
 jijallar, *n.m.* bramble-patch, broom-patch.
 jijallo, *n.m.* (*bot.*) prickly broom.
 jiene, *n.m.* (*S. Am.*) sand-fly.
 jijona, *n.f.* variety of stinky wheat; *turrón de Jijona*, sweet-almond paste.
 jiguero, *n.m.* (*orn.*) linnet.
 jilmaestre, *n.m.* artillery officer in charge of horses, mules, etc.
 jilocopo, *n.m.* carpenter bee (*xylocopa*).
 jilote, *n.m.* (*Mex.*) ear of green corn.
 jimagua, *n.m.f.* (*Cub.*) twin.
 jimga, *n.f.* (*naut.*) fish of a mast.
 jimenzar, *v.t.* to ripple flax or hemp.
 jinstada, *n.f.* sauce made of milk, dates, etc.
 jineta, *n.f.* art of horsemanship; short lance used in olden times; ancient tribute on cattle; sergeant's shoulder-knot; *andar a la jineta*, to go at a short trot; *cabalsar a la jineta*, to ride with very short stirrups; *tener los cascos a la jineta*, to be hare-brained, wild, giddy.
 jineta, *n.m.* (*zool.*) genet, small mammal allied to the civet.
 jinete, *n.m.* trooper, cavalry-man; horseman, cavalier, rider, equestrian; pure-breed horse.
 jinetear, *v.t.* (*Guat., Hond., Mex.*) to tame wild horses by riding them; *v.i.* to ride on horseback for show.
 jinglar, *v.i.* to swing, vibrate, oscillate.
 jingoismo, *n.m.* jingoism.
 jingoista, *n.m.f.*; *a.* jingoist(-ic).
 jinjol, *n.m.* jujube.
 jipa, *n.m.* (*Col.*) [JIPJAPA].
 jipato, *-ta, (Cub.)* pale, sickly; full, replete with eating.
 jipe, *n.m.* (*Mex.*) [JIPJAPA].
 jipijapa, *n.f.* very fine woven straw.
 jiquilete, *n.m.* (*bot.*) indigo-tree.

JANUARY

DATE

DATE

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|---|--|
| <p>January, 1</p> <p>1 New Year's Day, 2</p> <p>The American Lutheran Church Merger Becomes Effective, 8</p> <p>Feast of the Circumcision, 8</p> <p>The Emancipation Proclamation, 9</p> <p>First National Flag, 12</p> <p>The New Year in Mobile, 13</p> <p>The Philadelphia Mummers' Parade, 14</p> <p>Pasadena Rose Bowl Football Game, 16</p> <p>Pasadena Tournament of Roses, 17</p> <p>Paul Revere's Birthday, 19</p> <p>Solemnity of Mary, 20</p> <p>2 Georgia Ratifies the Constitution, 20</p> <p>3 Alaska Admitted to the Union, 22</p> <p>Battle of Princeton, 22</p> <p>4 Feast of St. Elizabeth Ann Seton, 23</p> <p>Utah Admitted to the Union, 27</p> <p>5 Twelfth Night, or Epiphany Eve, 29</p> <p>George Washington Carver's Death, 31</p> <p>Feast of St. John Nepomucene Neumann, 33</p> <p>6 The Epiphany, or Twelfth Day, or Three Kings' Day; Old Christmas, 34</p> <p>The Epiphany, or Greek Cross Day; Blessing of the Sponge Divers, Tarpon Springs, Florida, 38</p> <p>The "Four Freedoms" Enunciated, 39</p> <p>Sherlock Holmes's Birthday, 40</p> <p>New Mexico Admitted to the Union, 40</p> <p>Twelfth Night Revels, 43</p> <p>7 Millard Fillmore's Birthday, 45</p> <p>Panama Canal Traversed, 46</p> <p>"Russian Christmas," 49</p> <p>8 Battle of New Orleans Day, 49</p> <p>Eleventh Amendment Declared Ratified, 51</p> <p>9 First Successful Balloon Flight in the United States, 52</p> <p>Connecticut Ratifies the Constitution, 54</p> <p>Richard M. Nixon's Birthday, 55</p> | <p>10 League of Nations Established, 63</p> <p>11 Feast of the Baptism of the Lord, 65</p> <p>Alexander Hamilton's Birthday, 65</p> <p>12 John Winthrop's Birthday, 71</p> <p>13 Salmon P. Chase's Birthday, 72</p> <p>Stephen Foster Memorial Day, 74</p> <p>14 Ratification Day, 76</p> <p>15 Martin Luther King Jr.'s Birthday, 77</p> <p>Vermont Declares Independence, 80</p> <p>16 Eighteenth Amendment Ratified, 82</p> <p>17 Feast of St. Anthony the Great, 84</p> <p>Benjamin Franklin's Birthday, 85</p> <p>18 Daniel Webster's Birthday, 88</p> <p>19 The Epiphany, or Greek Cross Day (Old Calendar), 89</p> <p>Robert E. Lee's Birthday, 89</p> <p>Edgar Allan Poe's Birthday, 93</p> <p>20 Inauguration Day, 96</p> <p>Eve of St. Agnes, 97</p> <p>21 Feast of St. Agnes, 98</p> <p>Stonewall Jackson's Birthday, 101</p> <p>22 Frederick Moore Vinson's Birthday, 103</p> <p>23 Twenty-fourth Amendment Ratified, 105</p> <p>24 California Gold Rush, 106</p> <p>25 Robert Burns's Birthday, 109</p> <p>Feast of the Conversion of St. Paul, 110</p> <p>26 Douglas MacArthur's Birthday, 111</p> <p>Michigan Admitted to the Union, 113</p> <p>27 Samuel Compers' Birthday, 114</p> <p>28 The United States Withdraws from Cuba, 116</p> <p>29 Kansas Day, 117</p> <p>William McKinley's Birthday, 119</p> <p>Thomas Paine's Birthday, 121</p> <p>30 Franklin D. Roosevelt's Birthday, 122</p> <p>31 James C. Blaine's Birthday, 130</p> |
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serving reward or praise; having merit; worthy; *His work at school was meritorious, but not brilliant.* *adj.*
mer/i to'ri ous ly, *adv.* —mer/i to'ri ous ness, *n.*

merle or merl (mɛrl), the common European blackbird. *n.*

Mer lin (mɛr'læn), magician who helped King Arthur. *n.*

mer maid (mɛr'mād'), an imaginary sea maiden having the form of a fish from the waist down. *n.*

mer man (mɛr'man'), an imaginary man of the sea having the form of a fish from the waist down. *n.* *pl.* mer men.

merrily (mɛr'əlē), in a merry manner; laughing and gay. *adv.*

Mer ri mac (mɛr'ə mak), a United States frigate rebuilt with iron armor by the Confederates during the Civil War and renamed the Virginia. The Merrimac was the first armored warship. *n.*

Mer ri mack (mɛr'ə mak), river flowing from central New Hampshire through NE Massachusetts into the Atlantic. *n.*

mer ri ment (mɛr'ē mɛnt), laughter and gaiety; fun; mirth; merry enjoyment. *n.*

mer ri ness (mɛr'ē nis), a being merry. *n.*

mer ry (mɛr'ē), 1 laughing and gay; full of fun; merry talk. 2 gay; joyful; a merry holiday. *adj.*, mer ri er, mer ri est.

make merry, laugh and be gay; have fun.

mer ry-an drew (mɛr'ē an'drū), clown or buffoon. *n.*

mer ry-go-round (mɛr'ē gō round'), 1 set of animal figures and seats on a circular platform that is driven round and round by machinery and that children ride for fun; carrousel. 2 any whirl or rapid round; *The holidays were a merry-go-round of parties.* *n.*

mer ry mak er (mɛr'ē mā'kər), person who is being merry; person engaged in merrymaking. *n.*

mer ry mak ing (mɛr'ē mā'king), 1 laughter and gaiety; fun. 2 gay festival; merry entertainment. 3 gay and full of fun; having a merry time. 1, 2 *n.*, 3 *adj.*

mesa



mesa (mə'sə), a small, high plateau with a flat top and steep sides, common in dry regions of the western and southwestern United States. *n.* *pl.* me sas. [from Spanish mesa table, from Latin mensa]

mes dames (mə dām'), 1 a plural of

madam. 2 FRENCH. plural of madame. *n.*

mes de moi selles (məd mwā zel'), FRENCH. plural of mademoiselle. *n.*

mesh (mesh), 1 an open space of a net, sieve, or screen: *This net has half-inch meshes.* 2 cord, wire, etc., used in a net or screen: *We found an old fly swatter made of wire mesh.* 3 meshes, *pl.* a network: *Seaweed was caught in the meshes of the net.* b snares: *The spy was entangled in the meshes of his own plot to steal defense secrets.* 4 catch or be caught in a net. 5 engage or become engaged. The teeth of a small gear mesh with the teeth of a larger one. 1-3 *n.*; *pl.* mesh es; 4, 5 *v.*

in mesh, in gear; fitted together.

mes mer ic (mez mɛr'ik or mɛs mɛr'ik), hypnotic. *adj.*

mes mer ism (mez mɛr'iz'əm or mɛs mɛr'iz'əm), hypnotism. *n.*

mes mer ize (mez mɛr'iz' or mɛs mɛr'iz'), hypnotize. *v.*, mes mer ized,

mes mer iz ing. [from Franz Mesmer, 1734-1815, an Austrian doctor who made hypnosis popular]

mes on (mɛs'on), a highly unstable particle found in the nucleus of an atom, having a mass greater than that of an electron and less than that of a proton. A meson may have a positive, negative, or neutral charge. *n.*

Mes o po ta mi a (mɛs'ə pə tā'mē ə), ancient country in SW Asia, between the Tigris and Euphrates rivers. *n.*

mes o sphere (mɛs'ə sfir), region of the atmosphere between the stratosphere and the ionosphere, which extends from about 20 to 50 miles above the earth's surface. Most of the ozone in the atmosphere is created in the mesosphere and there is almost no variation in the temperature. *n.*

Mes o zo ic (mɛs'ə zō'ik), 1 the geological era before the present era; the age of reptiles. 2 of this era or its rocks. 1 *n.*, 2 *adj.*

mes quite (mɛ skēt'), tree or shrub, common in the southwestern United States and Mexico, that often grows in dense clumps or thickets. Its pods furnish a valuable food for cattle. *n.* [from Mexican Spanish mezquite]

mess (mes). 1 a dirty or untidy mass or group of things; dirty or untidy condition: *The children have been told to clean up the mess in their room.* 2 make dirty or untidy: *She messed up her book by scribbling in it.* 3 confusion or difficulty: *His business affairs are in a mess.* 4 make a failure of; spoil: *He messed up his chances of winning the race.* 5 an unpleasant or unsuccessful affair or state of affairs: *She made a mess of her final examinations.* 6 group of people who take meals together reg-

mestizo

hat, age, fär; let, equal, term; it, ice; hot, open, order; oil, out; cup, put, rule; ch, child; ng, long; sh, she; th, thin; FH, then; zh, measure;

ə represents a in about, e in taken, i in pencil, o in lemon, u in circus.

ularly, especially such a group in the army or navy. 7 meal of such a group: *The officers are at mess now.* 8 take one's meals (with). 9 portion of food, especially soft food: *a mess of oatmeal, a mess of fish.* 1, 3, 5-7, 9 *n.*, *pl.* mess es; 2, 4, 8 *v.*

mess about or mess around, be busy without really accomplishing anything; putter around.

mes sage (mɛs'ij), 1 words sent from one person to another: *a radio message, a message of welcome.* 2 an official speech or writing: *the President's message to Congress.* 3 lesson or moral contained in a story, play, speech, etc. *n.*

mes senger (mɛs'n jɛr), 1 person who carries a message or goes on an errand. 2 anything thought of as carrying a message: *Each bullet was a messenger of death.* 3 a sign that something is coming; forerunner; herald: *Dawn is the messenger of day.* *n.*

Messiah (mə'si ə), 1 the expected deliverer of the Jewish people. 2 (in Christian use) Jesus. 3 Often, messiah, any person hailed as or thought of as a savior. *n.*

Messianic (mɛs'ē an'ik), 1 of the Messiah. 2 Often, messianic, of or characteristic of a messiah or savior. *adj.*

mes sieurs (mɛs'ɔrz; French mā-syü'), plural of monsieur. *n.*

mess ily (mɛs'ə ē), in a messy manner. *adv.*

mess i ness (mɛs'ē nis), messy condition. *n.*

mess kit, a shallow, metal container that includes a fork, spoon, knife, and metal cup, for use by a soldier in the field, a camper, etc.

mess mate (mɛs'māt'), one of a group of people who eat together regularly. *n.* **Messrs.**, messieurs, used before names as the plural of Mr.: *Messrs. Smith and Jones.*

mess y (mɛs'ē), in a mess; like a mess; untidy; in disorder; dirty. *adj.*, mess i er, mess i est.

mes ti zo (mɛ stē zō), person of mixed blood, especially the child of a Spaniard

skin

skunk

separated from the body — compare HIDE b : a sheet of parchment or vellum made from a hide c : BOTTLE lb 2 a : the external limiting layer of an animal body esp. when forming a tough but flexible cover; also : the 2-layered tissue of which this is formed in a vertebrate — compare DERMIS, EPIDERMIS b : an outer or surface layer (as a rind) (a sausage *skin*) (apple *skins*) 3 : the life or physical well-being of a person (made sure to save his *skin*) 4 : a sheathing or casing forming the outside surface of a structure (as a ship or airplane). — *skin-less* \-ləs\ *adj* — *skinned* \ˈskɪnd\ *adj*

skin *vb* *skinned*; *skin-ning* 1 : to cover or become covered with or as if with skin 2 a : to strip, scrape, or rub off the skin of (*skin* a fruit) (*skinned* his knee) b : to strip or peel off 3 a : CHEAT, FLEECE b : DEFEAT c : CENSURE, REPRIMAND 4 a : to climb or descend (*skin* up and down a rope) b : to pass or get by with scant room to spare

skin-deep \ˈskɪn-ˈdēp\ *adj* 1 : as deep as the skin 2 : not thorough or lasting in impression : SUPERFICIAL

skin dive *vi* : to swim deep below the surface of water with a face mask and flippers and with or without a portable breathing device — *skin diver* *n*

skin-flint \ˈskɪn-ˈflɪnt\ *n* : a person who is very hard and grasping in money matters

skin-ful \-ˈfʊl\ *n* 1 : the contents of a skin bottle 2 : a large or satisfying quantity esp. of liquor

skin game *n* : a swindling game or trick

skin graft *n* : a piece of skin transferred from a donor area to grow new skin at a place denuded (as by burning)

skink \ˈskɪŋk\ *n* [Gk *skinkos*] : any of a family of mostly small lizards with small scales

skin-ner \ˈskɪn-ər\ *n* 1 a : one that deals in skins, pelts, or hides b : one that removes, cures, or dresses skins 2 : a driver of draft animals and esp. of mules

skin-ny \ˈskɪn-ē\ *adj* *skin-ni-er*; -est 1 : resembling skin : MEMBRANOUS (a *skinny* layer) 2 : very thin : LEAN, EMACIATED — *skin-ni-ness* *n*

skin test *n* : a test (as a scratch test) performed on the skin and used in detecting allergic hypersensitivity

skin-tight \ˈskɪn-ˈtɪt\ *adj* : closely fitted to the figure

skip \ˈskɪp\ *vb* *skipped*; *skip-ping* [ME *skippen*] 1 a : to move or proceed with leaps and bounds : CAPER b : to bound or cause to bound off one point after another : RICOCHET c : to leap over lightly and nimbly 2 : to leave or leave from hurriedly or secretly 3 a : to pass over or omit (as an interval, item, or step) b : to omit or cause to omit a grade in school in advancing to the next c : to pass over without notice or mention d : to fail to attend (*skipped* the meeting) e : MISFIRE 1

skip *n* 1 a : a light bounding step b : a gait composed of alternating hops and steps 2 : an act of omission or the thing omitted

skip *n* : the captain of a side in some games (as curling or lawn bowling)

skip *vi* *skipped*; *skip-ping* : to act as skipper of

ski pants *n pl* : pants for skiing that are ribbed or close-fitted at the ankle

skip-jack \ˈskɪp-ˈjæk\ *n, pl* *skipjacks* or *skipjack* : any of various fishes (as a bonito or bluefish) that jump above or play at the surface of the water

ski pole *n* : a metal-pointed pole or stick of steel or cane fitted with a strap for the hand at the top and an encircling disk set a little above the point and used as an aid in skiing

skip-per \ˈskɪp-ər\ *n* 1 : one that skips 2 a : any of numerous small stout-bodied insects of swift erratic flight that differ from the typical butterflies in wing venation and the form of the antennae b : any of several small leaping insects (cheese *skippers*)

skipper *n* [MD *schipper*, fr. *schip* ship; akin to E *ship*] : the master of a ship; esp : the master of a fishing, small trading, or pleasure boat

skirl \ˈskɪrəl, ˈskɪrəl\ *vb* : to sound the high shrill tone of the bagpipe

skirl *n* : the high shrill sound of a bagpipe

skirmish \ˈskɪr-mɪʃ\ *n* [MF *escarmouche*, fr. It *scaramuccia*] 1 : a minor fight in war usu. incidental to larger movements 2 : a brisk preliminary conflict

skirmish *vi* 1 : to engage in a skirmish 2 : to search about (as for supplies) — *skirmish-er* *n*

skirt \ˈskɪrt\ *vb* 1 : to leave hurriedly : FLEE; also : to

move rapidly 2 : to pass rapidly over esp. in search of something

skirt *n* : WHIR, ROAR

skirt \ˈskɪrt\ *n* [ON *skyrta* shirt, kirtle; akin to E *shirt*] 1 a : a free hanging part of a garment extending from the waist down b : a separate free hanging garment for women and girls covering the body from the waist down c : either of two flaps on a saddle covering the bars on which the stirrups are hung 2 *pl* : the outlying parts of a town or city : OUTSKIRTS 3 : a part or attachment serving as a rim, border, or edging 4 *slang* : GIRL, WOMAN

skirt *vb* 1 : to form or run along the edge of : BORDER 2 : to provide a skirt or border for 3 a : to go or pass around or about; esp : to go around or keep away from in order to avoid danger or discovery b : to evade or miss by a narrow margin 4 : to be, lie, or move along an edge, border, or margin — *skirt-er* *n*

skirt-ing \-ɪŋ\ *n* 1 : something that skirts; as a : BORDER, EDGING b *Brit* : BASEBOARD 2 : fabric (as wool) suitable for skirts

ski run *n* : a slope or trail suitable for skiing

ski suit *n* : a warm outfit for winter sports made in one-piece or two-piece style with a jacket top and pants usu. having ribbed cuffs

skit \ˈskɪt\ *n* 1 : a satirical or humorous story or sketch; esp : a sketch included in a dramatic performance (as a review) 2 : a short serious dramatic piece; esp : one done by amateurs

ski tow *n* 1 : a power-driven conveyor for pulling skiers to the top of a slope that consists usu. of an endless motor-driven moving rope which the skier grasps 2 : SKI LIFT

skit-ter \ˈskɪt-ər\ *vb* : to glide or skip lightly or quickly : skim along a surface

skit-tish \ˈskɪt-ɪʃ\ *adj* [ME] 1 : lively or frisky in action : CAPRICIOUS 2 : easily frightened : RESTIVE (a *skittish* horse) 3 : COY, BASHFUL — *skit-tish-ly* *adv* — *skit-tish-ness* *n*

skit-tle \ˈskɪt-əl\ *n* 1 *pl* : a form of ninepins that sometimes uses wooden disks instead of balls 2 : one of the pins used in skittles

skiv-vy \ˈskɪv-ē\ *n, pl* *skivvies* *Brit* : a female domestic servant

skivvy *n, pl* *skivvies* : underwear consisting of shorts and a collarless short-sleeved pullover — usu. used in *pl*

skool \ˈskōl\ *n* [Dan *skaal*, lit., cup; akin to E *scale*] : TOAST, HEALTH — often used interjectionally

skua \ˈskjuː-ə\ *n* [NL, of Scand origin] : JAEGER; esp : a large No. Atlantic jaeger.

skul-dug-gery or **skull-dug-gery** \ˈskʊl-ˈdʌg-(ə-)rē\ *n, pl* *skul-les* : underhanded or unscrupulous behavior : DISHONESTY, TRICKERY

skulk \ˈskʌlk\ *vi* [of Scand origin] 1 : to move in a stealthy or furtive manner : SNEAK 2 : to hide or conceal oneself from cowardice or fear or with treacherous intent — *skulk-er* *n*

syn SKULK, SLINK, SNEAK mean to go or act so as to escape attention. SKULK may imply shyness or cowardice but often suggests an intent to spy or waylay; SLINK stresses a moving so as to avoid notice rather than keeping actually out of sight; SNEAK may add an implication of furtively entering or leaving a place or of accomplishing a purpose by indirect and underhanded methods

skulk *n* : SKULKER

skull \ˈskʊl\ *n* [of Scand origin] 1 : the vertebrate head skeleton that forms a bony or cartilaginous case enclosing the brain and chief sense organs and supporting the jaws 2 : the seat of understanding or intelligence : MIND

skull and cross-bones \ˈkrɒs-,ˈbɒnz\ *n* : a representation of a human skull over crossbones usu. used as a warning of danger to life

skull-cap \ˈskʊl-ˈkæp\ *n* : a close-fitting cap; esp : a light cap without brim for indoor wear

skull practice *n* : a strategy class for an athletic team

skunk \ˈskʌŋk\ *n, pl* *skunks* also *skunk* [of Algonquian origin] 1 : any of various common omnivorous black-and-white New World mammals related to the weasels and having glands near the anus from which a secretion of pungent and offensive odor is ejected when the animal is startled 2 : an obnoxious person

• abut; • kitten; • further; • a back; • bake; • a coi. cart; at out; ch chin; e less; • easy; g gift; i trip; i life



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GREECE, ANCIENT

Between 146 and 27 B.C., the Romans completed their conquest of the Hellenistic world. For a time, Greece prospered. Delos became a center of international commerce. But, in 88 B.C., Mithridates of Pontus destroyed Delos when he tried to drive the Romans from Greece. The Romans defeated him, capturing Athens and burning its shipyards. Roman leaders then fought three civil wars on Greek soil. During these wars, the Greeks lost most of their wealth.

In spite of these setbacks, Greek civilization continued to spread. The Romans adopted Greek culture. Greek traditions lived on not only in Greece, but also in the writings of Roman orators and poets such as Cicero, Horace, and Virgil. Under Roman rule, Greece enjoyed 300 years of unbroken peace. The country slowly recovered its wealth. The Romans rebuilt Corinth and made it the capital of the province.

Christianity began to spread in Greece, especially among the slaves and the poor. In A.D. 330, Constantine the Great moved the capital of the Roman Empire from Rome to the former Greek colony of Byzantium, changing its name to Constantinople. The empire was divided into eastern and western halves in A.D. 395, and Greece became part of the East Roman, or Byzantine, Empire. The Byzantine Empire represented the second great period in Greek history. It lasted for more than 1,000 years and produced a remarkable civilization of its own.

The Byzantines were unable to protect the Greek mainland from fierce tribes from the north. The history of Greece in Byzantine times is one of constant invasion. The Byzantine Empire finally collapsed when the Ottoman Turks captured Constantinople in A.D. 1453.

For the story of Greece after the Roman conquest, see **BYZANTINE EMPIRE**; **GREECE (History)**; **ROMAN EMPIRE**; **TURKEY (History)**.

DONALD LAGAN

Related Articles in WORLD BOOK include:

BIOGRAPHIES

For a list of Greek writers see the Related Articles at the end of **GREEK LITERATURE**. See also the following:

Alcibiades	Diogenes	Leonidas I	Praxiteles
Alexander the Great	Dionysius the Elder	Lycurgus	Pyrrho of Elis
Anaxagoras	Draco	Lysander	Pyrrhus
Apelles	Empedocles	Lysippus	Pythagoras
Archimedes	Epictetus	Miltiades	Pytheas
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Cimon	Euclid	Pericles	Thales
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Delphi			

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Aegean	Ionians	Peloponnesian War
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OTHER RELATED ARTICLES

Aesop's Fables	Lyre	Ship (Phoenician and Greek Ships)
Barbarian	Mythology	Transmigration of the Soul
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Outline

- I. The Land and Its Resources
 - A. Location and Size
 - B. Surface Features
 - C. Natural Resources
 - D. Climate
- II. Life of the People
 - A. The People
 - B. Language
 - C. Family Life
- III. Work of the People
 - A. Agriculture
 - B. Manufacturing
 - C. Trade
 - D. Transportation
 - E. Communication
- IV. Activities of the People
 - A. Education
 - B. Religion
 - C. The Arts
 - D. Philosophy and Science
- V. Government
- VI. History

Questions

- How did ancient Greek education differ from education in the United States and Canada?
- Why did the Greeks found so many colonies?
- What is considered the greatest single contribution the ancient Greeks made to our civilization?
- What was a *city-state*? Why did city-states develop?
- Could Socrates read a modern Greek newspaper?
- What kinds of gods did the Greeks believe in?
- Why was there no national government in ancient Greece?
- What do historians consider the world's first serious attempt at representative government?
- Why are the Persian Wars considered a great turning point in world history?
- What was an *ariston*? A *chiton*? A *trireme*?

Reading and Study Guide

See *Greece, Ancient*, in the **RESEARCH GUIDE/INDEX**, Volume 22, for a *Reading and Study Guide*.

GREEK CHURCH. See **EASTERN ORTHODOX CHURCHES**.

GREEK CROSS. See **CROSS**.

GREEK FIRE is a chemical mixture that ignites and burns furiously when it comes in contact with water. It burns even under water. The Byzantine Greeks first used it in a naval battle in A.D. 673. Its composition was a secret, but it probably contained sulfur, resin, oil, pitch, and either calcium phosphide or quicklime. It was changed later to include naphtha, saltpeter, and turpentine. By the 1200's, it may have resembled gunpowder, then unknown.

HAROLD C. KINNE, JR.

GREEK GAMES. See **ISTHMIAN GAMES**; **NEMEAN GAMES**; **OLYMPIC GAMES**; **PYTHIAN GAMES**.

GREEK GODS. See **MYTHOLOGY**.

GREECE, ANCIENT

they founded overseas as Greek lands. These included many towns in Sicily and southern Italy, wealthy cities in what is now Turkey, and scattered trading posts around the Black Sea. Greek colonists made settlements as far away as India, Portugal, and Sudan.

Surface Features. Jagged limestone mountains rose on about three-fourths of ancient Greece. Forests covered the mountain slopes. The largest plains lay in Thessaly in the north, in Attica and Boeotia in central Greece, and in Laconia and Messenia in the Peloponnesus, the southern peninsula of Greece. The peaks of submerged mountain chains stood in the sea as islands.

Natural Resources. The soil of Greece was more fertile in ancient times than it is today. But even then, only about one-fourth of the land could be cultivated. The rest of the land was rocky and unfit for growing crops. Farmers could use it only for pasture. Most farmers raised goats and sheep. A few had cows, hogs, and horses. The land contained so few natural resources that the Greeks had to depend on commerce and colonies for wealth.

The country's forests were larger in ancient times than they are today. Their trees helped hold water in the soil. Most of the ancient forests were cut down for use as fuel, because Greece has no coal.

The mountains of Greece provided much marble, but only small amounts of mineral ores. The Greeks mined some copper, gold, lead, and silver, but little iron. Gold came from the islands of Siphnos and Thasos. The regions of Laureion and Maronea supplied silver.

Boars, deer, and hares roamed the forests and provided Greek hunters with food and sport. The seas around Greece supplied fine catches of fish.

Climate. Ancient Greece usually had a mild, pleasant climate. About 25 inches (64 centimeters) of rain fell every year, most of it in the winter. The people lived almost entirely out of doors in summer. Although winter winds were cold, the Greeks held most public assemblies and entertainments in the open air.

Life of the People

The People of ancient Greece had a mixed European ancestry. No more than 2 million persons ever lived in the country, because there was not enough land to support more than that. As a result, many persons who were born in Greece moved to overseas colonies.

The classes in Greek society varied from one city-state to another. Athens had three classes: (1) citizens, who were the most numerous; (2) slaves; and (3) *metics*, or resident aliens. Sparta also had three classes: (1) citizens; (2) *helots*, or serfs, who were the most numerous; and (3) *perioeci*, or noncitizens.

The Greeks usually limited citizenship to persons whose fathers were citizens. Only citizens took part in the government, and only citizens could own land. Most slaves belonged to individual owners, but several city-states also used slaves in the state mines. A serf could own personal property, but he could not move from the place where he was born (see SERF). *Metics* and *perioeci* had no political rights, but they enjoyed personal freedom and were protected by law.

Language. The ancient Greeks spoke many different dialects for hundreds of years. After about 330 B.C.,

a common dialect called *koinē* (pronounced *KOY nay*) developed from the earlier dialect spoken in Athens.

Many invaders marched into ancient Greece. They usually adopted the Greek language and Greek ways, and soon it became hard to tell them from the people they had conquered. Socrates, who lived more than 2,000 years ago, could probably read one of today's Greek newspapers. But he would probably have difficulty, because of the many changes these peoples made in the Greek language. See GREEK LANGUAGE.

Family Life. "In Greece," wrote the historian Herodotus, "poverty is always a guest." The people led simple lives. Both farm and city folk began their day at dawn and ended it shortly after sunset.

Shelter. In the cities, the Greeks built their simple homes around open courtyards. On one side, the home had a roofed hall called a *pastas*. Smaller rooms opened onto the courtyard from the other sides. The Greeks built their homes of stone or sun-dried brick, covered with stucco. For heat in the winter, they burned charcoal in pans. Narrow alleys ran between the windowless houses. Greek farmers lived in small brick or stone houses. They usually built stone walls around their farmyards, which included sheds for the animals.

Food. Most Greeks ate only two meals a day. The midmorning meal, or *ariston*, often consisted only of a dish of beans or peas and a raw onion or a roasted turnip. About sunset, they ate *deipnon*, the main meal. It usually included bread, cheese, figs, olives, and sometimes a bit of fish or meat.

The Greeks had no sugar, but used honey to sweeten their food. They used olive oil as a spread for bread, a cooking grease, and a soap. Most Greeks drank a mixture of wine and water. They considered milk fit only for animals and barbarians.

Clothing. The Greeks developed a graceful and beautiful costume. Both men and women wore a *chiton* (pronounced *KY tun*), a tunic that fell either to the knees or to the ankles. A narrow belt drew in the woman's *chiton* at the waist. Most *chitons* were made of wool. Only the richest Greeks could afford *chitons* of cotton or linen. The people wore brown *chitons* for work, and bleached white ones on formal occasions.

Both men and women also wore *himations* (pronounced *hik MAT ih ahns*), or cloaks, which they draped over their shoulders and arms. A young man sometimes wore a *chlamys* (pronounced *KLAY mis*), or short cape, fastened at the shoulder. A woman might wear a *peplos*, a variation of the *chiton*. Indoors, the Greeks usually went barefoot. Out of doors, many wore sandals. Most Greeks went bareheaded.

Recreation. Every city and town had an outdoor gymnasium where men could exercise or play various kinds of ball games. Children often rolled hoops or played with dolls. Older men sat in the *agora* (marketplace) playing checkers or chatting. Greek women worked almost all the time, and enjoyed little recreation. Hunting was the favorite pastime in farm areas.

Work of the People

Agriculture. Farming was the chief occupation of the ancient Greeks. They harvested barley and wheat in spring, and picked grapes and olives in fall. They also grew apples, figs, and pomegranates. Many farmers raised sheep and goats. The Greeks used horses

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Environment — Animals

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nest, side of pheasants
pack of hounds, wolves
pair of horses
pod of whales, seals
pride of lions

school of fish
sedge or siege of cranes
shoal of fish, pilchards
skata of geese
skulk of foxes
sleuth of bears

sounder of boars, swine
span of mules
spring of teals
swarm of bees
team of ducks, horses
tribe or trip of goats

troop of kangaroos, monkeys
volery of birds
watch of nightingales
wing of plovers
yoke of oxen

Young of Animals Have Special Names

The young of many animals, birds and fish have come to be called by special names. A young eel, for example, is an elver. Many young animals, of course, are often referred to simply as infants, babies, youngsters, or younglings.

bunny: rabbit.
calf: cattle, elephant, antelope, rhino, hippo, whale, etc.
cheeper: grouse, partridge, quail.
chick, chicken: fowl.
cockaret: rooster.
cockling, sprag: codfish.
colt: horse (male).
cub: lion, bear, shark, fox, etc.
cygnet: swan.
duckling: duck.
eaglet: eagle.
elver: eel.
eyas: hawk, others.
fawn: deer.

filly: horse (female).
fingering: fish generally.
flapper: wild fowl.
fledgling: birds generally.
foal: horse, zebra, others.
fry: fish generally.
gosling: goose.
heifer: cow.
joey: kangaroo, others.
kid: goat.
kit: fox, beaver, rabbit, cat.
kitten, kitty, catling: cats, other fur-bearers.
lamb, lambkin, cossat, hog: sheep.
leveret: hare.

nestling: birds generally.
owlet: owl.
par, smolt, grise: salmon.
piglet, shoat, farrow, suckling: pig.
pothwog, tadpole: frog.
poult: turkey.
pufflet: hen.
pup: dog, seal, sea lion, fox.
puss, pussy: cat.
spike, blinker, tinker: mackerel.
squab: pigeon.
squeaker: pigeon, others.
whelp: dog, tiger, beasts of prey.
yearling: cattle, sheep, horse, etc.

Speeds of Animals

Source: Natural History magazine, March 1974.
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Animal	Mph	Animal	Mph	Animal	Mph
Cheetah	70	Mongolian wild ass	40	Human	27.89
Pronghorn antelope	61	Greyhound	39.35	Elephant	25
Wildebeest	50	Whippet	35.50	Black mamba snake	20
Lion	50	Rabbit (domestic)	35	Six-lined race runner	18
Thomson's gazelle	50	Mule deer	35	Wild turkey	15
Quarterhorse	47.5	Jackal	35	Squirrel	12
Elk	45	Reindeer	32	Pig (domestic)	11
Cape hunting dog	45	Giraffe	32	Chicken	9
Coyote	43	White-tailed deer	30	Spider (Tegenaria atrica)	1.17
Gray fox	42	Wart hog	30	Giant tortoise	0.17
Hyena	40	Grizzly bear	30	Three-toed sloth	0.15
Zebra	40	Cat (domestic)	30	Garden snail	0.03

Most of these measurements are for maximum speeds over approximate quarter-mile distances. Exceptions are the lion and elephant, whose speeds were clocked in the act of charging; the whippet, which was timed over a 200-yard course; the cheetah over a 100-yard distance; man for a 1.5-yard segment of a 100-yard run (of 13.6 seconds); and the black mamba, six-lined race runner, spider, giant tortoise, three-toed sloth, and garden snail, which were measured over various small distances.

Gestation, Longevity, and Incubation of Animals

Longevity figures were supplied by Ronald T. Reuther, of the Zoological Society of Philadelphia. They refer to animals in captivity; the potential life span of animals is rarely attained in nature. Maximum longevity figures are from the Biology Data Book, 1972. Figures on gestation and incubation are averages based on estimates by leading authorities.

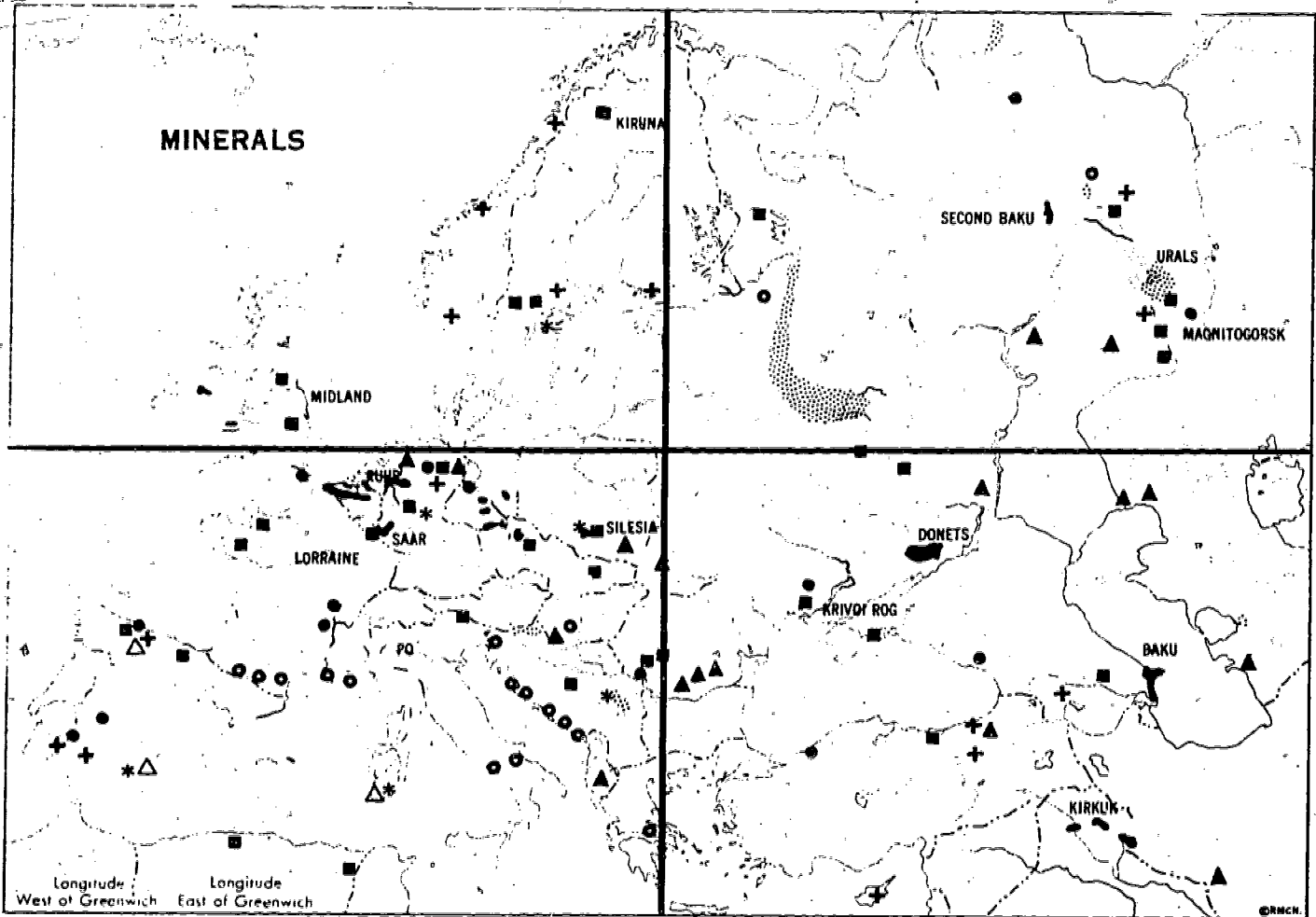
Animal	Gestation (day)	Average longevity (years)	Maximum longevity (yrs., mos.)	Animal	Gestation (day)	Average longevity (years)	Maximum longevity (yrs., mos.)
Ass	365	12	35-10	Leopard	98	12	19-4
Baboon	187	20	35-7	Lion	100	15	25-1
Bear: Black	219	18	36-10	Monkey (rhesus)	164	15	—
Grizzly	225	25	—	Moose	240	12	—
Polar	240	20	34-8	Mouse (meadow)	21	3	—
Beaver	122	5	20-6	Mouse (dom. white)	19	3	3-6
Buffalo (American)	278	15	—	Opossum (American)	14-17	1	—
Bactrian camel	406	12	29-5	Pig (domestic)	112	10	27
Cat (domestic)	63	12	28	Puma	90	12	19
Chimpanzee	231	20	44-6	Rabbit (domestic)	37	5	13
Chipmunk	31	6	8	Rhinoceros (black)	450	15	—
Cow	284	15	30	Rhinoceros (white)	—	20	—
Deer (white-tailed)	201	8	17-6	Sea lion (California)	350	12	28
Dog (domestic)	61	12	20	Sheep (domestic)	154	12	20
Elephant (African)	—	35	60	Squirrel (gray)	44	10	—
Elephant (Asian)	645	40	70	Tiger	105	16	26-3
Elk	250	15	26-6	Wolf (maned)	63	5	—
Fox (red)	52	7	14	Zebra (Grant's)	365	15	—
Giraffe	425	10	33-7				
Goat (domestic)	151	8	18				
Gorilla	257	20	39-4				
Guinea pig	68	4	7-6				
Hippopotamus	238	25	—				
Horse	330	20	46				
Kangaroo	42	7	—				

Incubation time (days)	
Chicken	21
Duck	30
Goose	30
Pigeon	18
Turkey	26

EUROPE

REGION 1

REGION 2

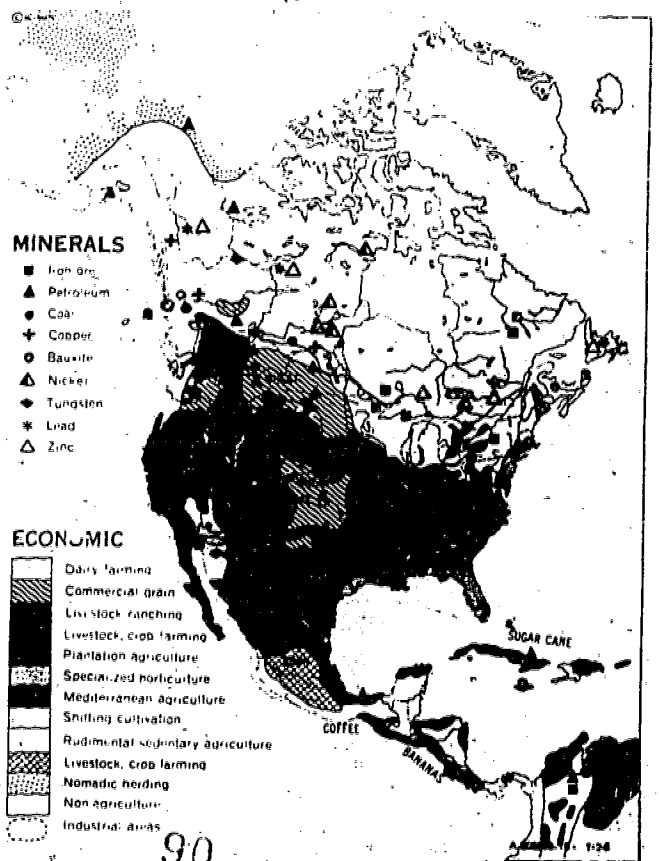
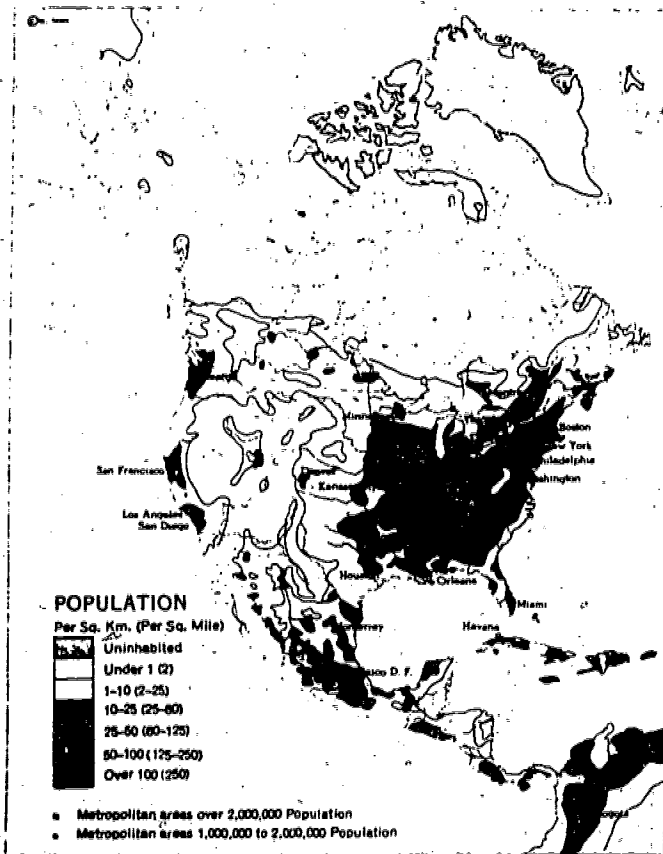
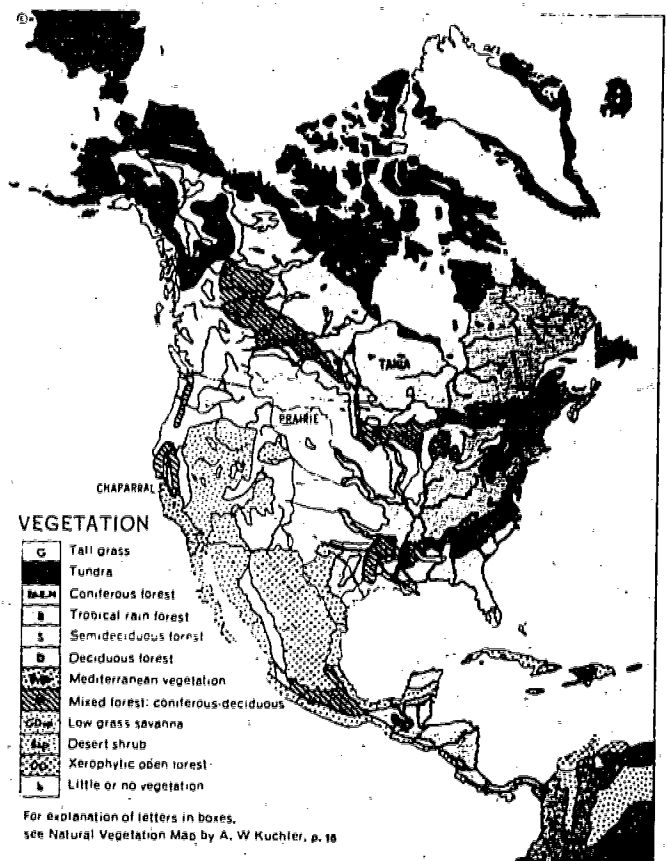
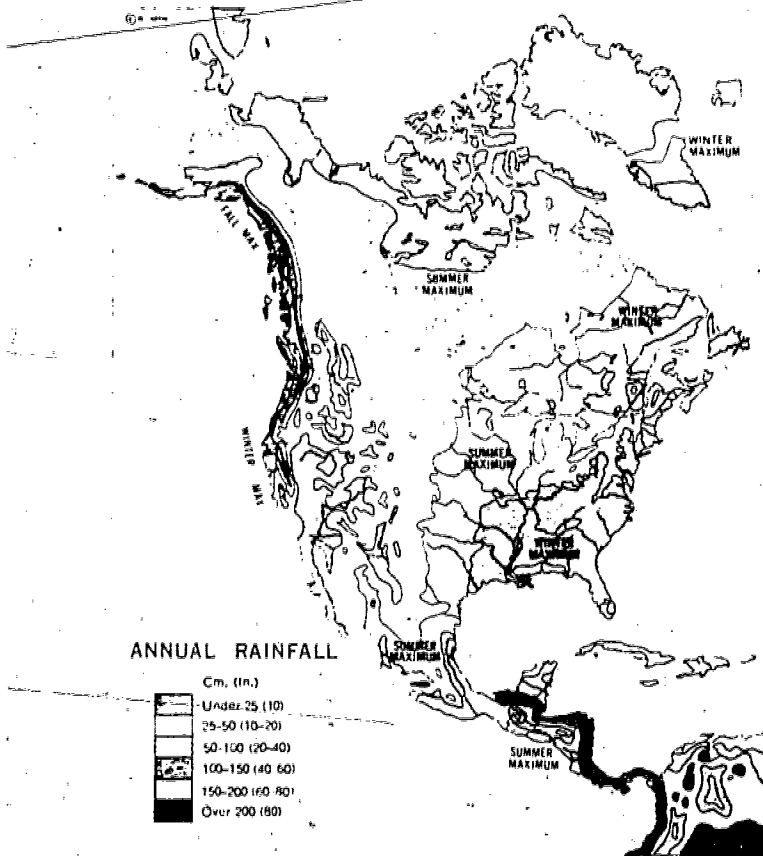


REGION 3

REGION 4

MINERALS

- Industrial areas
- Major coal deposits
- Major petroleum deposits
- Lignite deposits
- Minor petroleum deposits
- Minor coal deposits
- Major iron ore
- Minor iron ore
- Lead
- Bauxite
- Zinc
- Copper



336. Riverside — Roseau

PRONOUNCING INDEX

Table with columns: Page, Name, Pronunciation, Region, Lat., Long., Page, Name, Pronunciation, Region, Lat., Long., Page, Name, Pronunciation, Region, Lat., Long. Lists geographical locations and their coordinates.

At; final; rate; senate; arm; ask; sofa; fare; ch-choose; dh-as th in other; be; event; bet; recant; crater; g-roi; gh-guttural g; blt; l-short neutral; rde; k-guttural k as ch in German lch;

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SOUTH AUSTRALIA

CITIES and TOWNS

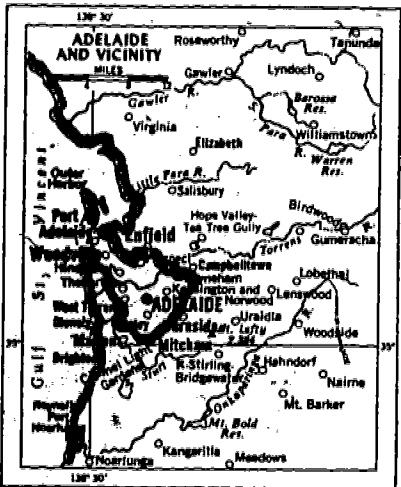
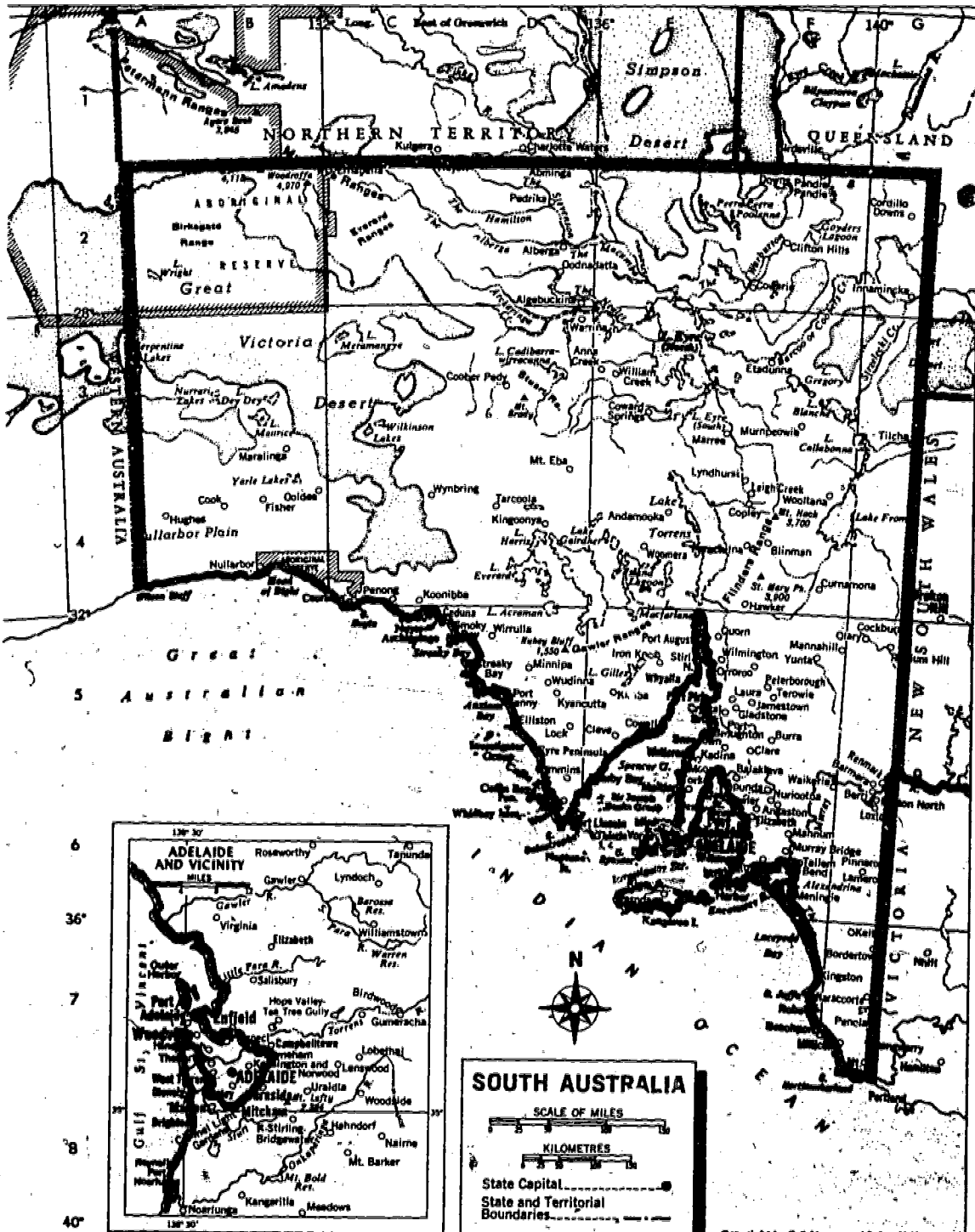
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 Beachport 91,903 F 7
 Berr 2,232 G 6
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Hindmarsh 11,352 A 7
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 Kensington and Norwood 11,928 B 8
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 Mount Gambier 17,251 G 7
 Murray Bridge 5,957 F 6

Nangwarry 977 G 7
 Naracoorte 4,378 G 7
 Nureroopa 2,041 F 6
 Ororoo 91,228 F 5
 Payreham 16,844 B 7
 Penola 1,383 F 5
 Peterborough 3,117 F 6
 Pinnaroo 91,717 F 6
 Port Adelaide 39,823 A 7



SOUTH AUSTRALIA

SCALE OF MILES
 0 20 40 60 80 100

SCALE OF KILOMETRES
 0 20 40 60 80 100

State Capital ●
 State and Territorial Boundaries - - - - -

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 pet, drapes, 106 cul-de-sac lot w/
 priv. & view. Nr. 270 & shop. Ideal
 for 2-3 working adults. \$590.
 David.

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Editorials	B 6	Obituaries	C10
Employment	H19	Sports	D 1
Financial	K 1	Style	H 1
Food	F 1	Travel	E 3

Sample B

NATIONAL LEAGUE				
East Division				
	W.	L.	Pct.	GB
xMontreal	48	30	.615
Chicago	44	36	.550	5
Philadelphia	46	40	.535	6
xPittsburgh	41	38	.519	7½
xSt. Louis	42	39	.519	7½
xNew York	32	47	.405	16½

Sample C

10/13	4 ^{NBC} WRC	5 WTTG	7 ^{ABC} WJLA	9 ^{CBS} WDVM
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9:00	Fred and Barney	Flintstones Bugs & Popeye	Plasticman	Bugs Bunny/ Road Runner
10:00	Globetrotters	Laff-Tunes		
10:30	The Shmoo	Juke Box		Popeye

Sample D

Abbreviations of Magazines Indexed

- Am Girl - AMERICAN GIRL
- Ariz Highw - ARIZONA HIGHWAYS
- Art & Man - ART & MAN
- Arts & Act - ARTS AND ACTIVITIES
- Badger Hist - BADGER HISTORY
- Beaver - THE BEAVER
- Boys' Life - BOYS' LIFE
- Canadian Ch M - CANADIAN CHILDREN'S MAGAZINE
- Child D - CHILDREN'S DIGEST
- Child Life - CHILD LIFE
- CHILDREN'S PLAYMATE: See Playmate
- Co-ed - CO-ED
- Cricket - CRICKET
- Curious Nat - CURIOUS NATURALIST
- Current Ev - CURRENT EVENTS
- Current H-1 - CURRENT HEALTH 1
- Current Sci - CURRENT SCIENCE
- Daisy - DAISY
- Ebony Jr - EBONY JR!
- Explorer - SCHOLASTIC NEWS EXPLORER
- EYE - MY WEEKLY READER EYE
- Highlights - HIGHLIGHTS FOR CHILDREN
- Horn Bk - HORN BOOK
- Humpty B - HUMPTY DUMPTY'S MAGAZINE FOR LITTLE CHILDREN
- Ill. Hist - ILLINOIS HISTORY
- Jack & Jill - JACK & JILL
- Jr Schol - JUNIOR SCHOLASTIC
- Ks Sch Nat - KANSAS' SCHOOL NATURALIST
- Md Conserv - MARYLAND CONSERVATIONIST
- Md Mag - MARYLAND MAGAZINE
- Model Airpl N - MODEL AIRPLANE NEWS
- MY WEEKLY READER, Ed. 4: See Parade
- MY WEEKLY READER, Ed. 5: See EYE
- Nat Canada - NATURE CANADA
- Nat Geog M - NATIONAL GEOGRAPHIC MAGAZINE
- Nat Geog World - NATIONAL GEOGRAPHIC WORLD
- Nat Wildlife - NATIONAL WILDLIFE
- News Cit - SCHOLASTIC NEWS CITIZEN
- NEWS EXPLORER: See Explorer
- News Trails - SCHOLASTIC NEWS TRAILS
- NewsTime - SCHOLASTIC-NEWTIME
- Owl - OWL MAGAZINE
- Pacific S - PACIFIC SEARCH
- Parade - MY WEEKLY READER NEWS PARADE
- Pet News - PET NEWS
- Pict Ed - PICTORIAL EDUCATION
- Playmate - CHILDREN'S PLAYMATE
- Plays - PLAYS
- Pop.Mech - POPULAR MECHANICS
- Pop.Sci - POPULAR SCIENCE
- Ranger Rick - RANGER RICK'S NATURE MAGAZINE
- Read - READ
- Roots - ROOTS
- Sci World - SCIENCE WORLD
- Search - SCHOLASTIC SEARCH
- Sprint - SCHOLASTIC SPRINT
- Sr Schol - SENIOR SCHOLASTIC
- Sr Wkly R - SENIOR WEEKLY READER
- Texas.Hist - TEXAS HISTORIAN
- Wee Wisdom - WEE WISDOM
- Weewish Tree - WEEWISH TREE
- Wis. Trails - WISCONSIN TRAILS
- World Extra - KNOW YOUR WORLD EXTRA
- Yorker - THE YORKER
- Young Athlete - YOUNG ATHLETE
- Young Miss - YOUNG MISS
- Young World - YOUNG WORLD
- Your World - YOU AND YOUR WORLD
- Zoonooz - ZOONOOZ

#easy reading material

Abbreviations for Months

- | | | | |
|---------------|------------|---------------|--------------|
| Ja - January | Ap - April | Jl - July | O - October |
| Fe - February | My - May | Ag - August | N - November |
| Mr - March | Je - June | S - September | D - December |

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