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The National Center for School and College Television conducted a survey and a conference to assess television materials now being offered in social studies education. Questionnaires (125) were sent to educational television stations. closed-circuit television facilities, public school systems, and state departments of education. These questionnaires revealed that 55 per cent of all telecourses are designed for the elementary level. A majority of all courses are recorded. At the conference twelve specialists in social studies and school television evaluated existing television materials. They found weaknesses in content (there was little use of the major concept approach) and in presentation (the introductions and teacher's manuals were poor). The specialists made suggestions for future directions in social studies television instruction. The final section of the report lists all telecourses studied at the conference with their title, producer, production location, grade level, and the number, length, and frequency of broadcasts. (RP)

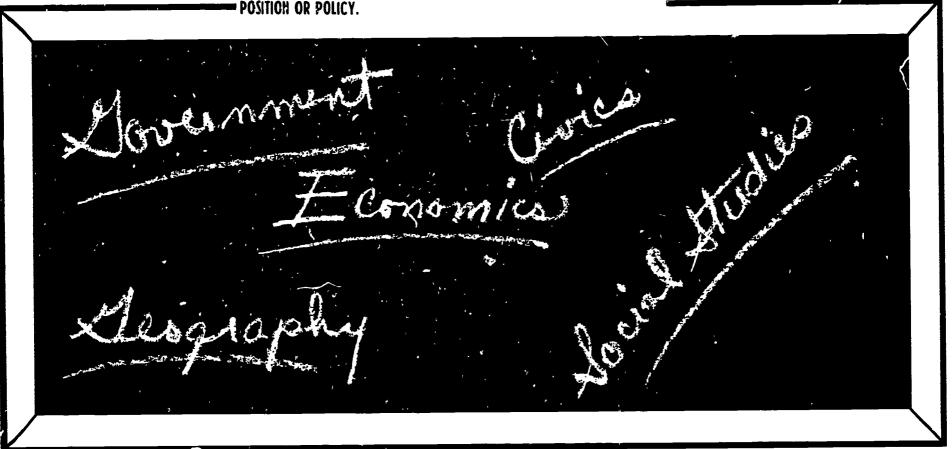


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National Center for School and College Television

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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TELEVISION

IN

SOCIAL STUDIES EDUCATION



ERIC Full Tox t Provided by ERIC

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This report concerns the National Center for School and College Television's conference on television in social studies education. The conference was conducted to assess television materials now being offered in social studies education in an effort to stimulate the development of increasingly effective television programing. This report is divided into three sections:

- Part I is a status report of social studies education telecourses being offered in the United States.
- Part II is an overview of the discussion among the social studies and television specialists who participated in the conference.
- Part III is a tabular breakdown of the information gathered. The materials listed in this section form the basis for Part I. Lessons from most of the telecourses listed here were viewed during the conference. The courses are categorized by the following division: social studies, history, geography and civics-economics-government.

The conference participants reviewed print materials (mainly "Teacher's Manuals" which accompany television materials), viewed sample lessons from the telecourses, and, during the final session, considered the state of television in social studies education.

The authorities who assessed the television materials are Robert Ackerman, University of Omaha; Ben Cox, University of Illinois; Stanley Dimond, University of Michigan; Richard Drake, Berea College; Maxine M. Dunfee, Indiana University; Lester Jipp, State Department of Public Instruction, Vermont; Theodore Kaltsounis, State University of New York; Carl Planinc, Southern Illinois University; Vincent Rogers, University of Minnesota; Malcolme Searle, National Council for the Social Studies; Frederick R. Smith, Indiana University; and Huber Walsh, University of Toledo.



Part I-The Status of Television in Social Studies Education

For this conference, NCSCT directed more than 125 questionnaires to ETV stations, closed-circuit television facilities, public school systems and state departments of education. The replies to those questionnaires form the quantitative basis of this report. No commercial materials are considered.

Ninety-nine telecourses were found in use in elementary, secondary and higher education.

ELEMENTARY GRADE LEVEL

GRADE Fifty-five percent of all telecourses were designed for use at the elementary level, primarily in the intermediate grades (43 percent of all telecourses). Primary materials accounted for 13 percent of all offerings (23 percent of all elementary level telecourses).

Of the 55 elementary telecourses, 33 were in social studies, 11 in history, seven in geography and four in civics-economics-government.

FREQUENCY OF As can be seen from the chart below, TRANSMISSION the majority of elementary level telecourses (36) were transmitted at the rate of one lesson each week. The twice weekly rate was next in frequency (eight), followed by the three times weekly rate (five), four times weekly (four) and twice monthly (two).

RECORDED OR Approximately 20 percent of the UNRECORDED telecourses at the elementary level were not recorded. A few of these telecourses (and some on other levels) vere recorded, but within a day or two were erased, and thus were unavailable for later use or for replay.

SECONDARY GRADE LEVEL

GRADE Forty-one percent of all the tele-EMPHASIS courses were designed for use at the secondary grade level. Ten of these were in the social studies area, 16 in history, four in geography and 11 in the civics-economics-government group.

FREQUENCY OF Fifteen of the 41 secondary level TRANSMISSION telecourses had a transmission rate of one lesson each week. Next most frequent rate was four times weekly (10), followed by three lessons weekly (7), twice weekly (6) and twice monthly (1). Only one telecourse was transmitted daily.

RECORDED OR Fourteen of the 41 telecourses were UNRECORDED not recorded for later use. Here again, some telecourse lessons were recorded but almost immediately erased, eliminating the possibility of repeated usage.

HIGHER EDUCATION

Only two series were designed for college level use and one for in-service teacher education. The in-service series was in geography, while the collegiate materials were in history and economics. All three telecourses were recorded for later use.

Transmission Rate	Elementary	Secondary	Collegiate and In-Service	Total
1/wk	36	15	1	52
2/wk	8	6	2	16
3/wk	5	7	0	12
4/wk	4	10	0	14
5/wk	Ŏ	1	0	1
2/mo	2	2	0	4
	55	41	3	99
	55	41	3	33



Part II-An Overview

Under the auspices of the National Center for School and College Television, 12 specialists in social studies and school television, representing various colleges and universities as well as public schools and related professional groups, evaluated existing television materials, discussed the potential of television in social studies education and made suggestions for the development of more effective materials. Materials viewed were divided into four categories: social studies, history, geography and civics-economics-government.

METHOD OF VIEWING

Lessons were not viewed in their entirety. If after viewing the initial part of a lesson the group felt that it could make a valid judgment, it would ask that the film or video tape be stopped. Occasionally, one of the viewers would request to see the end of a particular lesson, but few lessons were viewed from beginning to end. The viewing established a general impression of television's adequacy in social studies rather than detailed criticism of particular lessons.

For each one of the lessons the specialists used an evaluation form for their impressions. The form indicated the overall objectives of the series each lesson represented and provided space for general evaluation of each lesson's content, overall effectiveness and the teaching techniques employed.

This overview summarizes the deliberations of the group by presenting (1) the identified weaknesses of the telecourses, (2) the strengths which characterized them and (3) some suggestions for future directions.

IDENTIFIED WEAKNESSES

The major weaknesses of the telecourses are related to lesson content and lesson presentation.

The content. Especially at the elementary level, content consists mostly of giving information or describing events, places and situations. School television is not using as well as it might the concept-oriented approach to teaching social studies. Whether a particular lesson concerns the local community or some far distant country, there is little effort to identify a limited number of "big ideas" and to allow these "ideas" to be the criteria for the selection of facts and other specifics to be taught.

In certain telecourses, an attempt is made to use the concept approach. Here, however, concepts overload the lessons. Children clearly cannot develop all the concepts presented. As a result, children do not use facts to understand better the concepts. What is necessary is a balance between fact and concept.

More often at the secondary than at the elementary level is content in many ways biased. The bias is obvious in lessons dealing with such topics as "Communism" and "The Depression." But even in lessons dealing with housing



in this country biased content shows only beautiful suburban homes and overlooks urban housing and its problems.

Most lessons leave little room for children to deliberate. In most cases, television treats children as passive listeners and observers. Too often there are too many lessons in one course, thus forcing classes to spend all their social studies time with television.

The presentation. Because of poor introductions, students often have to wait too long to find out what the lesson concerns. A parallel weakness appears in the teacher's manuals which accompany the telecourses. The objectives listed in the manuals are too often teacher-oriented in terms of what he output to do rather than student-oriented in terms of what the children should learn or develop.

An impressive number of activities and some effective audio-visual aids are in use at the elementary level. Activities, however, are usually presented for the sake of having activities, and not for the purpose of clarifying concepts. Many activities are too long. While some of the audio-visual aids are well-planned and effective, maps and globes, basic instructions in social studies instruction, can be more often used.

At the secondary level, activities decreases and lecturing increases. Indeed, there is just too much lecturing. Most such lecture presentations could be accomplished

without television. Generally speaking, the secondary teacher is less inventive in his presentation than his elementary school counterpart.

Several television teachers demonstrate unusual talent but there is a tendency among them to act rather than teach. In presenting current events, for instance, teachers often imitate news broadcasters rather than use techniques more appealing to children. In dealing with foreign countries, teachers often sound like tour guides.

IDENTIFIED STRONG POINTS

Some courses are polished productions. The better produced programs are at the secondary level.

Many of the teachers do demonstrate great potential, but need to become more familiar with television's strengths and weaknesses. Elementary teachers seem especially well acclimated to the medium.

At the secondary level the content is more substantial than at any other level.

SUGGESTIONS FOR FUTURE DIRECTION

Social studies instruction by television is not accomplishing what it ought. Generally speaking, the majority,



if not all of the members of the assessment group, feel there is a need for someone to take the initiative to align school television with the new trends and ideas in social studies education.

It is clear that television should be used to assist the teacher and not to replace him. Consequently, one of television's main functions should be to bring to the classroom that which the teacher is unable to do. It is impossible, for example, for every class in the nation to visit the United Nations, but the United Nations can be brought to every class through television.

The specialists oppose long series of lessons providing complete and comprehensive coverage and favor a limited number of excellent depth studies designed to stimulate classroom analysis and deliberation.

In relation to the need for open-ended lessons, those involved in producing materials are urged to become familiar with the problem-solving approach. Social studies deals with human relationships. Television can present actual conflicts and issues, and allow children to suggest possible solutions. For example, the U.S. war on poverty should be presented in terms of the conditions that create it rather than in terms of official statements on how to abolish it. When children become aware of the conditions of poverty they can suggest and discuss possible solutions and even evaluate the government's proposed solutions.

To eliminate the information giving, descriptive approach in teaching social studies, telecourses ought to be organized around basic concepts. Furthermore, skills, including map skills, should be taught in context.

There is a need for an expert producer-director who should be a member of a team consisting of teacher, subject matter specialist and possibly a psychologist.

Toward the end of the deliberations the question was raised as to the exact role of a national organization such as the National Center for School and College Television. Should it simply advise or should it produce programs for national distribution and consumption? Though these questions were not answered to everyone's complete satisfaction, a number of interesting thoughts were expressed. One member argued that national production might be impractical since many social studies concepts are based on regional and contemporary specifics. Another member argued that on sensitive topics, such as Communism, it is better to have expert productions for rational use to avoid biases due to provincial pressures. A third specialist expressed the view that any national program agency would impose itself upon individual schools. However, others countered that schools at the local level are not obligated to use any programs.



			Part III	-Tele	evisio	on in
TITLES OF TELECOURSES	PRODUCER	PRODUCTION LOCATION	GRADE	NO. Or LESSONS	LESSON	FREQ. OF BRDCST.
	SOCIAL	STUDIES				
	PRIMAI	RY LEVEL				
BAY AREA ADVENTURE COMMUNITY HELPERS ELEMENTARY SOCIAL STUDIES GREATER OMAHA—WINDOW TO THE WEST	KQED WNED KCSD KYNE	San Francisco, Calif. Buffalo, New York Kansas City, Mo. Omaha, Neb.	3 K-1 3 3	28 15 6 18	20' 20' 15' 15'	1/wk 1/wk 3/wk 2/mo
IN AND OUT OF THE CITY LEARN WITH ME. I. II. III. LET'S TAKE A FIELD TRIP SOCIAL STUDIES SOCIAL STUDIES—GRADE 2 YOUR COMMUNITY YOUR WORLD	KCTS WDCN KUSU Valley Instr. TV Assoc. KDPS MPATI Georgia ETV Network	Seattle, Wash. Nashville, Tenn. Logan, Utah Sacramento, Calif. Des Moines, Iowa Lafayette, Ind. Atlanta, Ga.	2 1-3 3 3 2 3 1	18 105 28 28 30 16 66	15' 15' 20' 15' 15' 20' 15'	1/wk 3/wk 1/wk 1/wk 2/wk 1/wk 2/wk
	INTERMED	DIATE LEVEL			•	
AMERICANA	Santa Ana Unified & Jr. Col. Dist.	Santa Ana, Calif.	5	104	20′	3/wk
CHILDREN OF OTHER LANDS CHILDREN OF OTHER LANDS COMMUNITY VOLUNTEERS DISTANT NEIGHBORS DOWN MEXICO WAY EXPLORATIONS WITH BUCKY BEAVER	WNDT WNDT KTCA WEDU WDCN KOAP	New York, New York New York, New York St. Paul, Minn. Tampa, Florida Nashville, Tenn. Portland, Ore.	3-4 4-6 1-6 6 6	30 30 18 35 8 10	20' 20' 15' 25' 29' 20'	1/wk 2/wk 1/wk 1/wk 1/wk 1/wk
EXPLORING OUR WORLD IT'S A WIDE WORLD IT'S YOUR COMMUNITY OUR NATION'S CAPITOL OUR WORLD WINDOWS O'UT OF THE PAST PATHWAYS TO PEOPLE ROADS TO DISCOVERY SOCIAL STUDIES 5 TACOMA, WASHINGTON, USA TENNESSEE'S CAPITOL CITY THIS IS CONNECTICUT WHERE ON EARTH? WONDER WHY YOUR MINNESOTA		Des Moines, Iowa St. Paul, Minn. Cleveland, Ohio Nashville, Tenn. Norfolk, Va. Nashville, Tenn. San Francisco, Calif. Dallas, Texas Anaheim, Calif. Tacoma, Wash. Nashville, Tenn. Hartford, Conn. Sar Francisco, Calif. Carbondale, Ill. St. Paul, Minn. ARY LEVEL	4 4 3-4 5 6 4-5 4 3-5 4-6 4-6	63 40 32 7 34 13 28 16 92 32 6 26 27 64 12	15' 20' 15' 29' 20' 20' 14' 18' 20' 20' 20' 20' 15'	3/wk 2/wk 1/wk 1/wk 1/wk 1/wk 3/wk 1/wk 1/wk 1/wk 1/wk 1/wk 1/wk
AMERICANS ALL BEYOND THE AMERICAS	KRMA WDCN	Denver Pub. Schls., Denver, C Nashville, Tenn.		31	20′	1/wk
CULTURES AND CONTINENTS FAR-AWAY PLACES NEW HORIZONS OF THE PEOPLE PEOPLE AND THEIR WORLD PLACES IN THE NEWS VIRGINIA: CRADLE OF OUR NATION WORLD CULTURES	WCNY WDCN KERA WNED WQED WNYE WHRO	Nashvine, Tenn. Syracuse, New York Nashville, Tenn. Dallas, Texas Buffalo, New York Pittsburgh, Pa. Brooklyn, New York Norfolk, Va.	7 10-12 5-8 6-7 7 6-7 7-9 7	67 13 40 16 10 30 36 100	29' 30' 29' 14' 20' 20' 20' 20'	2/wk 1/wk 1/wk 1/wk 1/wk 1/wk 3/wk
	HIS	TORY				
		Y LEVEL				
ELEMENTARY SOCIAL STUDIES	Baltimore City Pub. Schls.	Baltimore, Md. IATE LEVEL	K- 3	6	15'	1/wk
ALABAMA STORIES AMERICAN HISTORIC SHRINES	Birmingham Area ETV WNYE & N.Y.C. BD. of ED.	Birmingham, Ala. New York, N.Y.	4 4-5	31 20	15 ′ 20′	2/wk 1/wk
OUR NEBRASKALAND OUR NEW HAMPSHIRE RED RIVER BASIN SEE FOR YOURSELF THE ARTS—OUR COUNTRY THE ARTS—PACIFIC NORTHWEST THIS IS UTAH UTAH GLIMPSES	KYNE WENH KFME WVIZ Eugene Schl. Dist. Eugene Schl. Dist. UNIT & KUSU KUSU	Omaha, Neb. Durham, N.H. Fargo, North Dakota Cleveland, Ohio Salem, Ore. Salem, Ore. Logan, Utah	4 4-6 5-6 5 4 4	9 22 20 16 10 10 32 29	20' 15' 20' 20' 15' 15' 20' 10'	1/wk 1/wk 2/wk 2/mo 1/wk 1/wk 1/wk



Social Studies Education

Birmingham Area ETV Detroit Pub. Schls. WFPK WHRO WCVE/WCVW WGBH KOKH/KETA KLRN WDCN KOKH/KETA KOKH/KETA WDCN WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG	ARY LEVEL Birmingham, Ala. Detroit, Mich. Louisville, Ky. Norfolk, Va. Richmond, Va. Boston, Mass. Oklahoma City, Okla. Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah CRAPHY RY LEVEL	9 7-8 11 8 11 5-8 9 11 8 9 10 11-12 9-12 11-12 7 10 Col.	48 73 141 130 60 10 62 15 24 186 186 66 72 170 32 65	30' 25' 25' 23' 30' 30' 25' 20' 24' 30' 24' 29' 30' 20' 29'	4/wk 2/wk 1/wk 4/wk 2/mo 3/wk 4/wk 2/wk 3/wk 5/wk
Birmingham Area ETV Detroit Pub. Schls. WFPK WHRO WCVE/WCVW WGBH KOKH/KETA KLRN WDCN KOKH/KETA KOKH/KETA WDCN WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG	Birmingham, Ala. Detroit, Mich. Louisville, Ky. Norfolk, Va. Richmond, Va. Boston, Mass. Oklahoma City, Okla. Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah RY LEVEL	7-8 11 8 11 5-8 9 11 8 9 10 11-12 9-12 11-12 7	73 141 130 60 10 62 15 24 186 186 72 170 32 65	25' 25' 23' 30' 25' 20' 24' 30' 29' 20' 29'	2/wk 4/wk 4/wk 1/wk 2/mo 3/wk 4/wk 2/wk 3/wk 1/wk
Detroit Pub. Schls. WFPK WHRO WCVE/WCVW WGBH KOKH/KETA KLRN WDCN KOKH/KETA KOKH/KETA WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG: PRIMAR	Detroit, Mich. Louisville, Ky. Norfolk, Va. Richmond, Va. Boston, Mass. Oklahoma City, Okla. Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah RY LEVEL	7-8 11 8 11 5-8 9 11 8 9 10 11-12 9-12 11-12 7	141 130 60 10 62 15 24 186 186 72 170 32 65	25' 23' 30' 25' 20' 24' 30' 24' 29' 30' 29'	4/wk 4/wk 2/wk 1/wk 2/mo 3/wk 4/wk 4/wk 3/wk 5/wk
WFPK WHRO WCVE/WCVW WGBH KOKH/KETA KLRN WDCN KOKH/KETA WDCN WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG: PRIMAR	Louisville, Ky. Norfolk, Va. Richmond, Va. Boston, Mass. Oklahoma City, Okla. Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah RY LEVEL	8 11 5-8 9 11 8 9 10 11-12 9-12 11-12 7	130 60 10 62 15 24 186 186 72 170 32 65	23' 30' 30' 25' 20' 24' 30' 24' 29' 30' 29'	4/wk 2/wk 1/wk 4/wk 2/mo 3/wk 4/wk 4/wk 2/wk 3/wk 5/wk
WCVE/WCVW WGBH KOKH/KETA KLRN WDCN KOKH/KETA KOKH/KETA WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOGIA PRIMAR	Richmond, Va. Boston, Mass. Oklahoma City, Okla. Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah RY LEVEL	11 5-8 9 11 8 9 10 11-12 9-12 11-12 7	60 10 62 15 24 186 186 72 170 32 65	30' 30' 25' 20' 24' 30' 24' 29' 30' 20' 29'	2/wk 1/wk 4/wk 2/mo 3/wk 4/wk 2/wk 3/wk 5/wk
WGBH KOKH/KETA KLRN WDCN KOKH/KETA KOKH/KETA WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG	Boston, Mass. Oklahoma City, Okla. Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah RAPHY RY LEVEL	5-8 9 11 8 9 10 11-12 9-12 11-12 7	10 62 15 24 186 186 66 72 170 32 65	30' 25' 20' 24' 30' 24' 29' 30' 20' 29'	1/wk 4/wk
KOKH/KETA KLRN WDCN KOKH/KETA KOKH/KETA WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG	Oklahoma City, Okla. Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah CRAPHY RY LEVEL	9 11 8 9 10 11-12 9-12 11-12 7	62 15 24 186 186 66 72 170 32 65	25' 20' 24' 30' 30' 24' 29' 30' 20' 29'	4/wk 2/mo 3/wk 4/wk 4/wk 2/wk 3/wk 5/wk
KLRN WDCN KOKH/KETA KOKH/KETA WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG PRIMAR	Austin, Texas Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah RY LEVEL	8 9 10 11-12 9-12 11-12 7	15 24 186 186 66 72 170 32 65	20' 24' 30' 30' 24' 29' 30' 20' 29'	2/mo 3/wk 4/wk 4/wk 2/wk 3/wk 5/wk
WDCN KOKH/KETA KOKH/KETA WDCN WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG PRIMAR	Nashville, Tenn. Oklahoma City, Okla. Oklahoma City, Okla. Nashville, Tenn. Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah RY LEVEL	8 9 10 11-12 9-12 11-12 7	186 186 66 72 170 32 65	24' 30' 30' 24' 29' 30' 20' 29'	4/wk 4/wk 2/wk 3/wk 5/wk 1/wk
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WDCN WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG PRIMAR WFPK	Nashville, Tenn. Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah CRAPHY RY LEVEL	9-12 11-12 7 10	72 170 32 65	29' 30' 20' 29'	3/wk 5/wk 1/wk
WUNC KUSU WDCN COLLEGIA Brigham Young Univ. GEOG PRIMAR WFPK	Chapel Hill, N.C. Logan, Utah Nashville, Tenn. ATE LEVEL Provo, Utah GRAPHY RY LEVEL	11-12 7 10	170 32 65	30' 20' 29'	5/wk 1/wk
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WDCN COLLEGIA Brigham Young Univ. GEOG PRIMAR WFPK	Nashville, Tenn. ATE LEVEL Provo, Utah GRAPHY RY LEVEL				2/wk
Brigham Young Univ. GEOG: PRIMAR WFPK	Provo, Utah RAPHY RY LEVEL	Col.	36	•	•
Brigham Young Univ. GEOG: PRIMAR WFPK	Provo, Utah RAPHY RY LEVEL	Col.	36		
GEOG: PRIMAR WFPK	RY LEVEL			45'	2 /wk
PRIMAR WFPK	RY LEVEL				
WFPK					
	I accientilla KW	3	70	20′	4, wk
- BUSIN DESCRIP	Louisville, Ky.	J	• •	••	•• •••
	DIATE LEVEL	R	ስ	201	4/wk
WFPK	Louisville, Ky.	5 6	70 70	20′ 20′	4/wk 4/wk
WFPK KRMA	Louisville, Ky. Denver, Colo.	6 4	70 34	20'	1/wk
NRMA Detroit Pub. Schls.	Detroit, Mich.	5	18	25'	1/wk
tariant/	I misnilla Ku	4	70	20′	4/wk
WFPK Birmingham Area ETV	Birmingham, Ala.	4	34	15'	2/wk
-					
	Baltimore, Maryland	6-7	5	15'	1/wk
Pub. Schls.	•				
KOKH	Oklahoma City, Okla.	7	124	25'	4/wk
KLRN	Austin, Texas	7-9		20' 20'	1/wk 3/wk
	·	•	100	20	J/ WA
IN-SF			_		
KPEC	Clover Park, Wash.	In-S	20	30′	2/wk
CIVICS.ECONOM	UCS.GOVERNMENT				
		5-6	11	15'	1/wk
KCET	Hollywood, Calif.	4	8	20'	1/wk
San Diego State College	San Diego, Calif.	4-7	**	15'	1/wk
KCET Control	Hollywood, Calif.	4	7	20′	1/wk
SECOND/	ARV LEVEL				
		11	9	20'	2/mc
KLKN Florida ETV Comm.	Tallahassee, Fla.	9-12	30	30'	3/wk
The transfer Anna FTV	Diminsham Ala	Q	48	30′	3/wl
Birmingham Area di v	Birmingnam, Ala.	9-12*	32	60'	4/wk
KUKH MIAI	Oklahoma City, Okla.	8	124	20'	4/wl
KCET	Hollywood, Calif.	5- 8	15	20'	1/wl
WHRO	Norfolk, Va.	9-12	60	20′	4/wl
	Boston, Mass.				1/wk 2/wl
WDCN	Nashville, 1 cm.		98 7	20′	1/wl
	San Francisco, Calif.	12	13	30'	1/w]
-	•				
		Col.	30	45'	1/w
WOVE/ HOV.	Midianone, v.	-	-		*
** Varies from year	m to var.				
•	WFPK Birmingham Area ETV SECONDA Baltimore City Pub. Schls. KOKH KLRN KDPS IN-SE KPEC CIVICS-ECONOM INTERMEI KTCA KCET San Diego State College KCET SECOND KLRN Florida ETV Comm. Birmingham Area ETV WTVI KOKH KCET WHRO WGBH WDCN KVIE KQED COLLEGE WCVE/WCVW	WFPK Birmingham Area ETV Birmingham, Ala. SECONDARY LEVEL Baltimore City Pub. Schls. KOKH KLRN KORH Austin, Texas Des Moines, Iowa IN-SERVICE Clover Park, Wash. CIVICS-ECONOMICS-GOVERNMENT INTERMEDIATE LEVEL KTCA KCET San Diego State College KCET SECONDARY LEVEL KLRN Florida ETV Comm. Birmingham Area ETV WTVI KOKH KCET KOKH KCET KOKH KCET KOKH KCET KOKH KOKH KOKH KCET KOKH KOKH KOKH KOKH KOKH KOKH KOKH KOK	WFPK Birmingham Area ETV Birmingham, Ala. SECONDARY LEVEL Baltimore City Pub, Schls. KOKH Oklahoma City, Okla. KLRN Austin, Texas T-3 KDPS OES Moines, Iowa TIN-SERVICE KPEC Clover Park, Wash. INTERMEDIATE LEVEL KTCA KCET San Diego State College KCET San Diego State College KCET SECONDARY LEVEL KLRN Austin, Texas Tolleyood, Calif. San Diego, Calif. Hollywood, Calif. Tallahassee, Fla. Birmingham Area ETV WTVI KOKH Oklahoma City, Okla. Birmingham, Ala. Charlotte, N.C. Oklahoma City, Okla. KCET WHRO Norfolk, Va. WGBH Boston, Mass. WDCN Nashville, Tenn. KVIE Sacramento, Calif. San Francisco, Calif. 12 COLLEGIATE LEVEL WCVE/WCVW Richmond, Va. Col.	WFPK Birmingham, Ala. 4 70	WFPK





National Center for School and College Television Box A, Bloomington, Indiana 47401

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