



REPUBLIKA NG PILIPINAS
REPUBLIC OF THE PHILIPPINES
KAGAWARAN NG EDUKASYON, KULTURA AT ISPORTS
DEPARTMENT OF EDUCATION, CULTURE AND SPORTS
UL Complex Meralco Avenue
Pasig Metro Manila

TANGGAPAN NG KALIHIM
(OFFICE OF THE SECRETARY)

June 30 1999

DECS MEMORANDUM
No 265, s 1999

**CONSTEL TELECAST SCHEDULE
FOR SCHOOL YEAR 1999-2000**

To: Regional Directors
Schools Division Superintendents
Private Secondary School Principals

1 The Continuing Studies in Education via Television (CONSTEL) Project announces its telecast schedule for the school year 1999-2000. The telecast of both English and Science telecourses over PTV 4 and its 17 provincial stations nationwide commences on June 20, 1999. The schedule is as follows:

A. Telecourse for English Teachers

Sundays	1 00 – 2 00 PM
Tuesdays & Thursday (Replay)	11 00 AM – 12 00 NN

B. Telecourse for Science Teachers

Sundays	
Physics in Everyday Life	8 30 – 9 00 AM
Chemistry in Action	9 00 – 9 30 AM
Science Made Easy	9 30 – 10 30 AM

(Replay)

Mondays – Physics in Everyday Life	11 00 – 11 30 AM
Chemistry in Action	11 30 – 12 00 NN
Wednesdays – Science Made Easy	11 00 – 11 30 AM

2 Inclosure No. 1 contains the episode titles and their corresponding dates for airing and replay.

3 The telecourses aim to upgrade the teaching skills of English and Science teachers. These serve as refresher courses both for veteran and neophyte teachers.

4 The CONSTEL project is implemented by the Department of Education Culture and Sports (DECS) produced by the People's Television Network, Inc (PTNI)

5 Supervisors, principals, and heads of English and Science departments, are encouraged to view the telecourses together with their teachers. They are expected to conduct weekly post viewing sessions (PVS) evaluate the episodes viewed using the Monitoring and Evaluation Form (MEF) and discuss the insights gained. The MEF and the Guidelines in Viewing Monitoring and Evaluation of CONSTEL Telecourses are contained in Inclosures 2 and 3 of DECS Memorandum No 7, s 1998

6 The monitoring and evaluation of the telecourses shall be conducted during the Mid-year and Year-end Performance Review and Evaluation Week. Quarterly Consolidated Progress Reports together with the accomplished MEF of the teachers shall be submitted to Dr Alberto P Mendocza Director IV BSE-DECS (Attn Ms Josefina B Mariano) and Dr Lidinila L Santos, Director IV, BEE-DECS (Attn Ms Mirla Olores) U.L Complex, Meralco Avenue, Pasig City. Submissions shall be done through the DECS Regional Office before November 30, 1999 for episode nos 1 to 20, and before May 30, 2000 for episode nos 21 to 40 (Science) and to 45 (English)

7 Immediate dissemination of this Memorandum is expected


ANDREW GONZALEZ, FSC
Secretary

Incl As stated
Reference DECS Memorandum (No 7 s 1998)
Allotment 1--(D O 50 97)
To be indicated in the Perpetual Index
under the following subjects

ENGLISH (CONSTEL)
SCIENCE EDUCATION
PROJECTS

CONTINUING STUDIES IN EDUCATION VIA TELEVISION (CONSTEL)
Telecourse for English Teachers
School Year 1999-2000

TELECAST SCHEDULE
1 00 – 2 00 PM Sunday
11 00 AM – 12 00 NN Tuesday & Thursday (Replay)

Airing Date	Replay	Episode No	Episode Title
June 20	June 22 & 24	1	WHAT IS LISTENING?
June 27	June 29 & July 1	2	ATTENTIVE LISTENING
July 4	July 6 & 8	3	ANALYTICAL LISTENING
July 11	July 13 & 16	4	EVALUATIVE LISTENING
July 18	July 20 & 22	5	APPRECIATIVE LISTENING
July 25	July 27 & 29	6	INTEGRATING LISTENING WITH OTHER SKILLS
August 1	August 3 & 6	7	TESTING LISTENING
August 8	August 10 & 12	8	THE NATURE OF THE COMMUNICATION PROCESS (VARIABLES AND BARRIERS)
August 15	August 17 & 19	9	PRINCIPLES IN COMMUNICATION
August 22	August 24 & 26	10	ORAL COMMUNICATION STRATEGIES
August 29	August 31 & Sept. 2	11	ONE WAY ORAL COMMUNICATION
September 6	September 7 & 8	12	ORAL INTERPRETATION
September 12	September 14 & 16	13	INTEGRATING SPEAKING WITH OTHER SKILLS
September 19	September 21 & 23	14	TESTING SPEAKING
September 26	September 28 & 30	15	READING INSTRUCTION AN OVERVIEW
October 3	October 5 & 7	16	STUDY SKILLS
October 10	October 12 & 14	17	READING IN CONTENT AREAS
October 17	October 19 & 20	18	READING COMPREHENSION WITH FOCUS ON CRITICAL READING
October 24	October 26 & 28	19	CORRECTIVE READING
October 31	November 2 & 4	20	RECREATORY READING
November 7	November 9 & 11	21	INTEGRATING READING WITH OTHER SKILLS
November 14	November 16 & 18	22	TESTING READING
November 21	November 23 & 26	23	THE NATURE OF WRITING
November 28	Nov 30 & Dec. 2	24	THE PROCESS APPROACH TO WRITING PART I
December 5	December 7 & 9	25	THE PROCESS APPROACH TO WRITING PART II
December 12	December 14 & 16	26	UNITY COHERENCE AND COHESION TOOLS IN EFFECTIVE WRITING
December 19	December 21 & 23	27	OUTLINING AS TAKE OFF FOR WRITING
December 26	December 28 & 30	28	REVISING COMPOSITION
January 2	January 4 & 6	29	INTEGRATING WRITING WITH OTHER SKILLS
January 9	January 11 & 13	30	TESTING WRITING
January 16	January 18 & 20	31	THE TEACHING OF GRAMMAR THRU THE YEARS
January 23	January 25 & 27	32	OBSERVING CORRECT SUBJECT VERB AGREEMENT
January 30	February 2 & 4	33	EXPANDING IDEAS (MODIFICATION)
February 6	February 8 & 10	34	TEACHING THE GERUNDS AND THE INFINITIVES
February 13	February 16 & 17	35	TEACHING DIRECT AND REPORTED SPEECH
February 20	February 22 & 24	36	INTEGRATING GRAMMAR WITH OTHER SKILLS
February 27	March 1 & 3	37	TESTING GRAMMAR
March 5	March 8 & 10	38	TEACHING LITERATURE AN OVERVIEW
March 13	March 16 & 17	39	TEACHING FICTION
March 20	March 22 & 23	40	TEACHING POETRY
March 27	March 29 & April 1	41	TEACHING DRAMA
April 4	April 6 & 8	42	TEACHING THE ESSAY
April 11	April 13 & 16	43	INTEGRATING LITERATURE WITH OTHER SKILLS
April 18	April 20 & 22	44	TESTING LITERATURE
April 25	April 27 & 29	45	COMMUNICATIVE TESTING

(CONTINUING STUDIES IN EDUCATION VIA TELEVISION (CONSTEL)
 Telecourse for Physics Teachers
 School Year 1999-2000

A Physics in Everyday Life
 8 30 – 9 00 AM Sunday
 11 00 AM – 11 30 AM Monday (Replay)

Airing Date	Replay	Episode No	Episode Title
June '0	June 21	1	THE WORLD OF PHYSICS
June '7	June 28	2	MEASUREMENTS
July 4	July 5	3	DESCRIBING MOTION
July 11	July 12	4	MOTION IN PICTURES
July 18	July 19	5	CHANGING MOTION
July '5	July 28	6	NEWTON ON ROAD MOTION
August 1	August 2	7	LAW OF ACCELERATION
August 8	August 9	8	INTERACTION
August 15	August 16	9	COLLISION
August '2	August 23	10	PROJECTILE MOTION
August 29	August 30	11	SATELLITE MOTION
September 5	September 6	12	SPACE FLIGHT
September 12	September 13	13	CONSERVATION OF ENERGY
September 19	September 20	14	MACHINE POWER
September 26	September 27	15	THE HUMAN MACHINE
October 3	October 4	16	ELASTICITY
October 10	October 11	17	STRUCTURE AND STRENGTH OF MATERIALS
October 17	October 18	18	FORCES IN FLUIDS
October 24	October 25	19	MOLECULAR MOTION
October 31	November 1	20	HEAT ENGINE
November 7	November 8	21	ELECTRICITY
November 14	November 15	22	PRACTICAL ELECTRICITY
November 21	November 22	23	ELECTRICAL HAZARDS AND SAFETY
November 28	November 29	24	CURRENT CARRYING WIRE
December 5	December 6	25	SWINGS AND MOTORS
December 12	December 13	26	CURRENTS FROM MAGNETS
December 19	December 20	27	POWER GENERATION AND TRANSMISSION
December 26	December 27	28	MECHANICAL WAVES
January 2	January 3	29	PROPERTIES OF WAVES
January 9	January 10	30	SOUND AND HEARING
January 16	January 17	31	MUSICAL SOUND
January 23	January 24	32	LIGHT SIGHT AND COLOR
January 30	February 1	33	LENSES AT WORK
February 6	February 7	34	EM WAVES
February 13	February 14	35	TELECOMMUNICATION
February 20	February 21	36	PROTONS AND ELECTRONS
February 27	February 28	37	ELECTRONS PHOTOS AND TELEVISION
March 6	March 7	38	LASERS AND ITS APPLICATION
March 13	March 14	39	DISCRETE ELECTRONICS
March 20	March '1	40	LOGIC GATES

CONTINUING STUDIES IN EDUCATION VIA TELEVISION (CONSTEL)
Telecourse for Chemistry Teachers
School Year 1999 2000

B Chemistry in Action
9 00 – 9 30 AM Sunday
11 30 AM – 12 00 NN Monday (Replay)

Airing Date	Replay	Episode No	Episode Title
June 20	June 21	1	CHEMISTRY IS EVERYWHERE
June 27	June 28	2	WHAT IS CHEMISTRY?
July 4	July 5	3	MEASUREMENT IN SCIENCE
July 11	July 12	4	MEASURING AND CALCULATING
July 18	July 19	5	MIXTURES IN YOUR DAILY LIVES
July 25	July 26	6	SUBSTANCES WE USE
August 1	August 2	7	PHASES OF MATTER
August 8	August 9	8	KINETIC MOLECULAR THEORY (KMT)
August 15	August 16	9	CONDENSED PHASES OF MATTER
August 22	August 23	10	INDICATORS OF CHANGE
August 29	August 30	11	THE MODE
September 5	September 6	12	PATTERNS OF CHANGE
September 12	September 13	13	AND THE SOLUTION IS
September 19	September 20	14	COLLOIDS THE SPECIAL MIXTURES P I
September 26	September 27	15	COLLOIDS THE SPECIAL MIXTURES P II
October 1	October 4	16	ENERGY CONSERVATION
October 10	October 11	17	ENERGY AND CHANGE
October 17	October 18	18	DIRECTION OF CHANGE
October 24	October 25	19	THE LAWS OF DISORDER
October 31	November 1	20	THE LIMITS OF CHANGE
November 7	November 8	21	RATES OF CHANGE
November 14	November 15	22	CHANGES IN EQUILIBRIUM SYSTEM
November 21	November 22	23	PLEASE PASS THE PROTONS ACIDS AND BASES
November 28	November 29	24	THE ATOM A VIEW FROM WITHIN
December 5	December 6	25	ELECTRONIC STRUCTURE OF THE ATOM
December 12	December 13	26	TRENDS IN PERIODIC PROPERTY
December 19	December 20	27	PERIODIC TABLE OF THE ELEMENTS
December 26	December 27	28	PUTTING ATOMS TOGETHER
January 2	January 3	29	BONDING AMONG MOLECULES
January 9	January 10	30	ELECTRICITY AND CHANGE
January 16	January 17	31	HYDROCARBONS
January 23	January 24	32	COMPOUNDS OF CARBON HYDROGEN AND OXYGEN
January 30	February 1	33	PHENOLS ETHERS AND ESTERS
February 6	February 7	34	HYDROCARBON DERIVATIVES
February 13	February 14	35	POLYMERS THE GIANT MOLECULES
February 20	February 21	36	BIOMOLECULES AND REACTIONS IN LIVING CELLS
February 27	February 28	37	NUCLEIC ACIDS AND HEREDITY
March 6	March 7	38	CHANGES IN THE ATMOSPHERE
March 13	March 14	39	SOIL CHEMISTRY AND POLLUTION
March 20	March 21	40	WATER IN OUR ENVIRONMENT

CONTINUING STUDIES IN EDUCATION VIA TELEVISION (CONSTEL)
 Telecourse for Science Teachers
 School Year 1989 2000

C Science Made Easy
 9 30 - 10 00 AM Sunday
 11 00 AM - 11 30 AM Wednesday (Replay)

Airing Date	Replay	Episode No	Episode Title
June 20	June 23	1	YOU ARE WONDERFULLY MADE
June 27	June 30	2	FOOD WHERE DOES IT GO
July 4	July 7	3	THE BREATH OF LIFE
July 11	July 14	4	THE BODY'S TRANSPORT SYSTEM
July 18	July 21	5	THE HUMAN COMPUTER AND CONTROL CENTER
July 25	July 28	6	SUPPORT AND MOVEMENT
August 1	August 4	7	A NEW LIFE IS BORN
August 3	August 11	8	ANIMAL GROUPS VERTEBRATES
August 15	August 18	9	ANIMAL GROUPS INVERTEBRATES
August 22	August 25	10	ANIMAL STRUCTURE AND FUNCTION
August 29	September 1	11	ANIMAL HABITAT AND ADAPTATION
September 5	September 8	12	WHOSE BABIES ARE THESE?
September 12	September 15	13	NEEDS CARE AND CONSERVATION
September 19	September 22	14	USES OF ANIMALS
September 26	September 29	15	PLANT STRUCTURE AND FUNCTION
October 3	October 6	16	TWIN PROCESSES OF LIFE
October 10	October 13	17	PLANT REPRODUCTION
October 17	October 20	18	PLANT HABITAT AND ADAPTATION
October 24	October 27	19	PLANT GROUPS
October 31	November 3	20	PLANT USES
November 7	November 10	21	THE FOREST COVER
November 14	November 17	22	SOLID LIQUID GAS
November 21	November 24	23	CHANGES
November 28	December 1	24	MATERIALS AT HOME
December 5	December 8	25	ENERGY FORMS AND TRANSFORMATION
December 12	December 15	26	ELECTROMAGNETIC WAVES
December 19	December 22	27	CHEMICAL ENERGY
December 26	December 29	28	SOUND
January 2	January 5	29	USING ELECTRICITY
January 9	January 12	30	MACHINES
January 16	January 11	31	TRANSPORTATION
January 23	January 27	32	HEAT AND TEMPERATURE
January 30	February 3	33	EARTH THE LIVING PLANET
February 6	February 9	34	THE PRECIOUS SOIL
February 13	February 16	35	WATER THE DROP OF LIFE
February 20	February 23	36	ATMOSPHERE THE EARTH'S SHIELD
February 27	March 2	37	THE RESTLESS EARTH
March 6	March 9	38	THE GREAT TRIUMPH (EARTH MOON SUN)
March 13	March 16	39	SOLAR SYSTEM
March 20	March 23	40	BEYOND THE SOLAR SYSTEM