

Summary of the Research

The Research Problem :- -----

Television is one of the mass media that the educational authorities use in dealing with the various educational problems. The importance of the T.V. depends a lot on what it could give to the different educational stages and the needs that call for using it.

Based on the importance of the T.V., the present study clarifies the importance of the participation of the T.V. and its scientific programs with the school in achieving the teaching goals of science in secondary schools.

Questions of the research : -----

- 1- To what extent do the scientific programs of the T.V. achieve some of the goals of teaching science in the secondary school?
- 2- What are the viewpoints of the secondary school students and teachers of science concerning the scientific programs on the T.V.?
- 3- What are the advantages and the disadvantages of the scientific programs from the point of view of the students and teachers?

Goals of the research :

- 1- Recognizing the topics included in the scientific programs on the T.V.
- 2- Knowing how to deal with the scientific content introduced through these programs.
- 3- Recognizing the viewpoints of the secondary schools students and teachers of science about the scientific programs of the T.V.

Procedures of the Research :

First:

- 1- Analyzing the content of the scientific programs on the T.V. through recording twelve series of each program.
- 2- Preparing a checklist including the most important categories appeared in the programs
- 3- Using the individual unit in analyzing the content considering every series of each program as one separate unit.

Second :

- Evaluating the checklist of the viewpoints of the teachers of science and their students to know their opinions about using the scientific content of these programs on T.V.

Results of the research:

- ' 1- The T.V. scientific programs manipulate a group of the scientific programs relating to the human beings, technology, physics and chemistry and astronomy.

- 2- The scientific T.V. programs participate to a great deal in achieving the knowledge goal comparing it to the other goals of teaching science.
- 3- Teachers of science agreed that the scientific programs can help in achieving the goals of teaching science.
- 4- They also agreed that these programs can help in adding some information and in learning the skills relating to science.
- 5- The content of some programs has no relation with the subject matters found in science syllabus in secondary school.
- 6- Most of the teachers and the students of the sample assure that the T.V. scientific programs explain in a way that help in understanding most of the topics introduced in the syllabus of science.
- 7- Many people of the sample assure that the T.V. scientific programs can relate what the students learn to the problems of the environment around them.
- 8- The study sample define the advantages of these programs as :
 - a- Scientists and experts explain most of these programs.
 - b- The subject matters are various, different and they convey most of the scientific fields.
- 9- They define the disadvantages as :
 - a- The time of introducing these programs is not suitable.

b- The programs do not help in acquiring the information
10- Teachers and students agree about the following
suggestions :

a- The importance of the integration between the T.V.
and the ministry of education.

b- The necessity of caring about subjects relate to the
Egyptian environment and its problems.

c- Preparing a guide for the programs and their content
and introducing it to the teachers and the students.

d- Preparing a viewpoint checklist to recognize the
teachers, and the students, opinions about these
programs to make use of them in the best way.

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**"Evaluating scientific programs on T.V. in
The light of its realization for some objectives
of science at secondary stage"**

A thesis

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