

Section- C

Chapter- 3: Audio visual aids: meaning, importance, projective and non-projective teaching aids: LED projector, Interactive boards, chalkboard, maps, charts, diagram, model, picture, graph, and globe.

Meaning of Audio-visual aids

The teacher has to collect and organise the subject matter. It is the effort of every teacher that student can learn more and more by his teaching so that the educational objectives can be achieved. If teaching is effective, interesting and it is useful for daily life then the probability of achieving the objectives of education can be increased. The use of audio-visual aids is helpful in fulfilling the need and objectives of education. A teacher who uses the A.V. aids in developing or explaining the lesson the students will like him very much and learn more from him. The use of A. V. aids is necessary for clarifying the concept of social studies. Social studies is related with past and present information. Except that the scope of social studies is to give the knowledge about every part of the world. So, the use of charts, graphs, pictures, models, maps, T.V., radio, computer, interactive boards, LED projectors etc. are helpful in making the subject matter of social studies easy, simple, clear and effective. In simple words, those articles and equipment which help the teacher while teaching and the learners to understand the subject matter are called A. V. aids.

Viewpoints of Experts

According to **E.C. Dent**, "Instructional material is all material used in the classroom or in other teaching situation to facilitate the understanding of the written or spoken word".

According to **Good's Dictionary of Education**, "Audio-visual aids (Teaching aids) imply "Anything by means of which learning process may be encouraged or carried on through the sense of hearing or the sense of sight." चक्षुर्मनुष्याणाम

According to **Mcknown and Roberts**, "These aids are supplementary devices by which the teacher, through the utilisation of more than one sensory channel, tries to clarify, establish and correlate concepts, interpretations and appreciations."

According to **Burton**, "Audio-visual material (Teaching-material) are those sensory objects or images which initiate, stimulate and reinforce learning."

According to **S.P. Ahluwalia**, "Audio-visual (teaching) material reinforce the spoken or the written words with concrete images and provide rich perceptual experiences which are basis of learning. These make learning less verbalistic and reduce the boredom of mere verbalism".

Importance of A.V. aids

Importance of A. V. aids are as follows.

1. **Achievement of Objectives:** Use of A.V. aids is helpful in achieving the aims of teaching. The main aim of a teacher in the class is that the students can learn more and more. The students can learn only when they are interested to learn something. Only there the teaching aids are helpful in achieving the aims.

2. Maximum use of sense organs: Teaching is not useful if the students sit totally passive in the class. By using the teaching aids students become more alert in the class as their sense organs like ears, eyes become more active which are helpful in gaining the maximum knowledge.

3. Clarify the subject matter: Teaching aids are helpful to understand the difficult, unclear and complex subject-matter. For example, to teach the topic of 'Occurrence of earthquake teacher can use teaching aids like LED, pictures, charts, models etc. to show the real happening and then the topic becomes easier and more effective.

4. Right substitute for direct experience: Many times, it is not possible to show original places, individuals or things etc. about which students read in their books. But by using teaching aids like chart, films, models etc. It becomes easier to give knowledge of content to them. For example, motion of earth, natural calamities, revolt of 1857 etc. can be better taught through the use of teaching aids.

5. Based on Maxims of Teaching: A.V. aids are based upon the maxims of teaching simple to complex, known to unknown, concrete to abstract, psychological to logical etc.

6. Helpful in focussing the attention: Until the students are not taking interest in the class they can never learn anything but with the help of teaching aids in the classroom teaching, a teacher can create interest of the students and the students listen more carefully the lecture given by teacher and focus on the teaching attentively.

7. Helpful in developing interest: There are individual differences among learners in a classroom. Some students take least interest in the teaching-learning process of class. But use of teaching aids by a teacher attracts the attention of students and those students who avoid the particular subject(s) show much more interest in that particular subject.

8. Helpful in developing scientific thinking: The use of teaching aids by the teacher is helpful in creating the habit of analysis and inquiry among the students. They observe the various experiments and do the same activity by themselves in class. Scientific thinkers accept ideas/knowledge on the basis of evidences.