

**PEDAGOGY OF PHYSICAL SCIENCE, 1ST YEAR, COURSE-7(A), UNIT -02,
ORGANIZING TEACHING-LEARNING IN PHYSICAL
SCIENCE , -----BY RAJU KUMAR**

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Thus, it is clear from the discussion that various kinds of advantages are being obtained to the teacher as well as to the students by making use of science text books. It is important to mention here that such advantages will accrue only in condition if selection of proper text book is made by the teacher. If teacher uses the improper kind of text book, then it will lead to wastage of time as well as the energy of teacher.

For this reason, it is very necessary for a teacher to know the criteria on basis of which a text book should be selected. Some experts have put forwarded their views regarding the criteria on basis of such function of selection of text books should be performed, mention of which are as follows:-

- a. Only that text book should be selected in which subject matter is being compiled properly. Teacher should analyse the matter of text book to ensure that it is in accordance with the mental capabilities of the students. Information in the book should be provided in such a manner by which curiosity and powers of reasoning can get developed and increased among the students.
- b. Although if matter is found to be in accordance with the mental abilities of the students and according to the needs of the students, then book should be selected, but teacher should further analyse the fact that who is the author of the book.

No consideration to the name or brand of the publisher should be taken, but it should be analysed whether the author is well qualified or not, otherwise, pirated books can be used by the teacher, which will not prove to be successful in achieving the set objectives of education.

c. Only that book should be selected the printing of which is done properly. It should be analysed by the teacher that all the information, whether provided in the written form or in diagrammatic forms, are presented clearly. If the printing of text will be not fine then students will find it difficult to read the matter, with which the task of teacher will become complex and difficult. There should proper space in between the paragraphs and equal space should be given in different words and alphabets. It is only through such kind of printing pattern that matter will become attractive.

d. Teacher should first give attention on the external decoration of the book. It should be born in mind by him that it is the external look of the book which attracts the students. Paper used outside should be thick and should have some shine. Size of the book should not be very long as students will find it difficult to carry it to the school. Proper kind of diagram or figure should be there on the front of book by which students can recognise that for which subject, book is written.

e. Some consideration should be paid by the teacher to the internal decoration of the book. It should be analysed by the teacher that to explain complex topics, proper diagrams, figures and examples are being provided in the book or not. Not only are this, the kind of figures and diagrams provided in the book in accordance with the interest and abilities of the students or not.