



A study of interest in science of ix standard English medium students of Aurangabad city

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Abstract

This paper presents an overview of interest in science of ix Standard English medium students of Aurangabad city. As interest is a widely used concept with manifold facets, it is essential to discuss the relationship between a person and a comprehensive subject like science. Methods that can be used to develop interest in science among the students are presented. Based on an overview of survey method used for assessing interest in science, findings on student's interest in science are presented which play an important role in the current scientific society.

Keywords: science, interest, ninth standard English medium student

Introduction

Science is the compulsory subject of our national curriculum for school students. The aims of teaching and study of science are to encourage and enable students to develop inquiring minds and curiosity about science and the natural world, acquire knowledge, conceptual understanding and skills to solve problems and make informed decisions in scientific and other context.

Interest is often considered to be an important source of intrinsic motivation. A person's successful achievement in subject is based upon the volume of information he has on the subject, his interpretation of it and most importantly, the application of his entire information on it. Acquisition of such information depends on reading and learning in most cases. But, the drive to learn could to an extent be a function of the person's interest in the subject. Science has a lot of scope in future for students, but, unfortunately it has been found that some students lack interest in this subject. Thus, a need is felt that if we find out causes for low interest then we can make the things better.

Objectives

1. To study the interest in science of 9th Standard English medium students of Aurangabad city.
2. To study the interest in science of 9th Standard English medium male students of Aurangabad city.
3. To study the interest in science of 9th Standard English medium female students of Aurangabad city.
4. To compare the interest in science of 9th Standard English medium male and female students of Aurangabad city.

Hypotheses

1. Interest in science of 9th Standard English medium students is high.
2. Interest in science of 9th Standard English medium male students is high.
3. Interest in science of 9th Standard English medium female students is high.
4. There is no significant difference between the interest in science of 9th Standard English medium male and female students.

Significance of research

The present research will be very helpful for the teachers in knowing, how the interest in science. And, for developing the interest in students the teacher can use various methods according to the subject. It can also be seen that interest plays a very big role on the learning of the students because a student can learn in a better way if he/she is interested in that particular subject and they can apply the knowledge in many fields of science. By applying his/her knowledge new inventions can be made in future.

Interest test can be used for selecting careers for students, indicating the future success of an individual in a particular vocation.

Research sample size

The sample size is the number of observations that constitute it. The sample size for the present research is of 200 students.

Methodology

The purpose of present research is to acquire information about interest in science of 9th Standard English medium students of Aurangabad city.

The researcher has selected the survey method, as it will help to get current status.

Tools

Tools of present research includes Science Interest Scale by Dr. D.N. Dubey

Main findings

1. Science interest of 9th Standard English medium students is high.
2. Science interest of 9th Standard English medium male students is high.
3. Science interest of 9th standard English medium female students is high
4. There is significant difference in science interest of male and female students.

Suggestions/recommendations

1. Students should participate in science clubs, exhibitions, fairs, etc which help them to develop science interest and attitude.
2. Teacher should organize co-curricular activities like science club, science excursions, science exhibitions, etc which helps in developing science interest and making the subject more interesting to learn and understand.
3. Teacher should teach science in a practical way by doing various experiments in the class as it helps in developing interest in students.
4. Parents should help the child to experiment under their supervision as experiments are a great way for children to think scientifically and develop problem solving skills.
5. Parents should share their scientific interests as their enthusiasm might excite the children to develop their own science interest

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