



## A Study of Scientific Attitude among School Students

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### Abstract:

*Science educators have recognized the scientific attitudes are the most important outcomes which should result from science teaching. Much experimentation has been carried on the field of measuring attitudes and opinions, and most of them have come from the sociologists and the psychologists, science teachers and educators are not, however, unaware of the need of some valid and reliable research on the measurements of scientific attitude, its influence on certain school achievements and its development. Here, the author studied about the scientific attitude elements and its significance among the school students of selected city.*

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**Keywords:** Attitude, Scientific attitude, School students

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### 1. Introduction

There is much literature on scientific attitude, but it is concerned only with defining and developing it, not on measuring it in various groups of people with this is clear that little was done about the measurement of scientific attitude, particularly at school level.

### 2. Objectives of the Study

1. To study about scientific attitude among school students of Gandhinagar City.
2. To compare the significant difference between scientific attitudes in reference to sex, educational qualification of parents.
3. To evaluate the relationship between the scientific attitude and Educational achievement towards school students.

### 3. Null Hypotheses

- H<sub>01</sub>** There will be no significant difference between scientific attitude of Boys and Girls Students.
- H<sub>02</sub>** There will be no significant difference between educated and illiterate.
- H<sub>03</sub>** There will be no significant relationship between scientific attitude and Educational achievement in science subject.

### 4. Methods of the Study

The survey method was used to find out scientific attitude among school students of Gandhinagar city. The Tool was prepared and standardized by the Mamta Patel. Total data of 32 students were calculated through this scale.

### 5. Sample

150 students were selected at Random sampling Method.

### 6. Results of the Study

The results of the study are mentioned under the following tables.

**Table 1**  
**Statistics of scientific attitude of School Students**

Sr.	Variable	Variable	N	M	t
1	Sex	Boys	75	73.29	3.10**
		Girls	75	70.50	
2	Qualification	Educated	110	80.40	6.20**
		illittrate	40	65.21	

**Table 2**  
**Statistics of Correlation between Scientific attitude and educationl Achievement**

Variable	N	r
Scientific Attitude	150	0.88**
Achievemtn		

### 7. Findings of the Study

1. The school boys and girls significantly differ in thir Attitude. Boys attitude is high as compair as girl. So sex is effect form scientific Attitude.
2. The school students with educated parents and illiterate parents differ significantly in their scientific attitude so a qualification of parents is effect from scientific Attitude.

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