



SCIENTIFIC ATTITUDE OF HIGH SCHOOL STUDENTS

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ABSTRACT

The fundamental goal of this examination was to discover the logical demeanor of secondary school understudies. An endeavor was additionally made to examine the impact of foundation factors like sexual orientation, area and kind of school the executives on logical disposition of secondary school understudies. The investigation uncovered that larger part of the secondary school understudies have medium degree of logical disposition. It was likewise discovered that there is no huge contrast in the logical demeanor of secondary school understudies as for sex and kind of school the executives. Be that as it may, huge contrast exists between the country and urban secondary school understudies in their logical mentality.

KEYWORDS: *Scientific attitude, high school students.*

INTRODUCTION

Science has reformed our method of living. Our reasoning, mentalities, interests, standpoint and so forth have experienced gigantic change because of the advancement of science and innovation. Science is one of those human exercises that man has made to satisfy human needs and desire. According to Fitzpatrick "Science is an aggregate and perpetual arrangement of exact perceptions which bring about the development of ideas and speculations, with the two ideas and hypotheses being dependent upon adjustment in the light of further experimental perceptions. Science is both an assemblage of information and the way toward getting it" (Mohan, 2004).

Logical mentalities are the most significant results of science instructing. Logical disposition is a lot of perspectives and qualities controlled by a person, which are ordinarily utilized in taking care of issues in a logical way (Ahmad, 2011). Logical demeanor is characterized as a lot of sincerely conditioned thoughts regarding science, logical strategies and related straightforwardly or by implication to the strategy in the writing of science training (Mishra and Singh, 2014). An individual with logical disposition have characteristics, for example, scholarly interest, energy for truth, regard for confirmations, liberality, impartial judgment and confidence in cause-impact relationship in science.

REVIEW OF RELATED STUDIES:

The discoveries of the examination uncovered that the understudies were acceptable in the spaces of interest, receptiveness, confidence in logical strategy, basic mindedness, circumstances and logical results relationship, looking for proof, suspended judgment, objectivity and abhorrence for odd notion.

Jampannavar (2018) contemplated the connection between logical demeanor and scholastic accomplishment in science among optional school understudies. The examination uncovered that there is high connection between's logical disposition and scholarly accomplishment in study of optional school understudies.



Veliappan and Nambikkai (2018) explored the demeanor towards study of higher auxiliary understudies in Puducherry locale. The discoveries of the investigation were: i) There is huge distinction among government, supported and un-helped higher auxiliary school understudies in their mentality towards science. ii) There is critical distinction among unadulterated science, arithmetic and software engineering gathering of higher optional understudies in their demeanor towards science. iii) There is huge contrast among provincial, semi urban and urban higher auxiliary understudies in their demeanor towards science.

NEED AND SIGNIFICANCE OF THE STUDY

One of the significant destinations of encouraging science is the advancement of logical demeanor among the understudies. The improvement of logical mentality makes understudy liberal, causes him to mention basic objective facts, creates scholarly trustworthiness, interest, fair-minded and fair-minded reasoning and so forth. Logical disposition is the most significant result of science instructing. Despite the fact that a few educationists see, logical mentality as a result of showing science, yet a greater part of educationists believe it to be significant item or the point of science instructing (Sharma, 1999).

An individual having logical disposition is found to have love for the investigation of truth by receiving genuine methods for such investigation and having confidence in the consequences of such obvious findings. The principle point of science instructing ought to be the improvement of information and teaching of appropriate logical demeanor among students. In the present instructive framework however understudies' information in science increment, they neglect to create legitimate logical mentality. So it is important to urge the understudies to create logical demeanor. The current investigation has been embraced to discover the degree of logical mentality among secondary school understudies.

The Importance of Cultivating a Scientific Attitude It must be commented that dread, inside specific cutoff points, is a suitable passionate reaction which should prompt pragmatic activity so as to abstain from looming hurt or undermining circumstance. Be that as it may, when it is utilized as a reason for threatening individuals and as an instrument of social control (for instance, dread of interminable damnation fire), it could have decimating ramifications for the person. Profound situated dread of hellfire fire, eagerly advanced by the ministry for mental control of devotees, for example, has prompted bad dreams and anxiety as guileless personalities flinch with ghastliness at the possibility of everlasting perdition. Confidence in damnation has no logical establishment at all. Along these lines, a person who approaches life from the logical point of view realizes that damnation is a fantasy made and advanced by intellectually curved strict dogmatists distracted with union of their control over the individuals' psyches and pockets. The logical demeanor urges one to take a gander at the universe without the misshaping signals of odd notion. Such an individual can insightfully value the miracles of nature with a feeling of wonderment mixed with quietude, but then comprehend that amidst unfathomable agreement and magnificence known to man, there is terrible offensiveness and malevolent as characteristic side-effects of vast development. To have a logical disposition involves valuing the great, the terrible and the shocking on the planet without crediting them to powerful powers. I am immovably persuaded that on the topic of death, which fills individuals with a feeling of premonition and articulate vulnerability, science offers a more sensible and commonsense arrangement than religion. Most religions show the precept of eternality, along with the thoughts of celestial prize and discipline in the afterlife. Individuals as a rule don't understand that for a huge number of years, faith in everlasting status has cultivated unspeakable insidious practices, most particularly internment of significant characters like rulers and sovereigns with living people. Besides, they are ignorant that exploration discoveries in the significant natural sciences tend towards doubt in everlasting status, for there is solid proof that there is nothing in a human individual that endures demise in an important emotional and customize sense. As such, disregarding many years of examination, there is no all around archived proof showing that a dead individual can keep on living as the equivalent conscious being anyplace known to man. Along these lines, realizing that individuals have just a single life to live here on earth since "life has no

copy," an individual with a logical outlook has an amazing motivating force to boost the particular open door s/he needs to live definitively and gainfully.

NEED AND SIGNIFICANCE OF THE STUDY

Logical demeanor is the most significant result of science instructing and which empowers us to think soundly. It is the mix of numerous characteristics and ethics which is reflected through the conduct and activity of the individual. As indicated by Grinnell, "Logical mentality isn't a way to deal with take care of the world's issues, yet a method of survey the world". Logical mentality is significant for basic reasoning and thinking. Practically all the commissions and boards on school instruction which were shaped after autonomy have expressed the significance of advancement of logical demeanor among the understudies. This paper worries around 13 to 15 years of age auxiliary school understudies and their logical disposition. The nation's progress, government assistance and success additionally rely on the instruction and the explores done in the field of science and innovation. Logical demeanor can add to the national improvement through the annihilation of strange notions creating objectivity, creating interest, basic reasoning, dynamic and so forth.

EDUCATIONAL IMPLICATIONS

The aftereffect of the investigation shows the significance of parental consideration on their youngsters. Social and monetary status of the parent assumes a significant job in the social advancement of the youngster. School condition and home condition are significant for the understudies. Heredity assumes a crucial job in repairing of the information on the understudy. The school air, companions, educators, foundation of the school, offices accessible in the school, nature of friend bunch are significant in setting the mentality of the kids.

OBJECTIVES OF THE STUDY

- ❖ To contemplate the degree of logical mentality of secondary school understudies.
- ❖ To see if there is any critical contrast in the mean scores of logical demeanor of secondary school understudies regarding the foundation factors sexual orientation, area and kind of the executives of the school.
- ❖ There will be huge contrast in the mean scores of logical demeanor of male and female secondary school understudies.
- ❖ There will be critical contrast in the mean scores of logical mentality of rustic and urban secondary school understudies.
- ❖ There will be noteworthy distinction in the mean scores of logical mentality of secondary school understudies concentrating in government, helped and self-financing schools.
- ❖ Discoveries
- ❖ Greater part of the secondary school understudies have medium degree of logical disposition.
- ❖ There exists no noteworthy distinction between the male and female secondary school understudies in their logical demeanor.
- ❖ There exists noteworthy distinction between the country and urban secondary school understudies in their logical disposition.
- ❖ There exists no noteworthy distinction between the secondary school understudies concentrating in government, supported and self-financing schools in their logical disposition.

CONCLUSION:

The examination uncovered that most of secondary school understudies have medium degree of logical demeanor. It was additionally discovered that sexual orientation and sort of school the executives have no impact on logical demeanor of secondary school understudies yet the territory has effect on logical disposition. Since the secondary school understudies have just medium degree of logical mentality, the

educators should find a way to create logical disposition among understudies. The educator can control different circumstances to imbue certain attributes of logical disposition among the understudies. The instructor should create alluring climate in the class for the improvement of logical disposition. The significant obligation regarding creating logical disposition among the understudies lies on the science instructor. Without creating logical mentality among understudies the points of encouraging science can't be accomplished.

While it is attractive that understudies ought to be urged to build up these perspectives we need likewise make them mindful of the job that individual qualities play in the obtaining of logical information. By uncovering the job of individual attributes that researchers are ordinary people, frail, difficult, enthusiastic and silly, we can acculturate training and along these lines create in the understudy legitimate valuation for Education. To do this the understudy ought to be allowed the chance to see the advantage of instruction as typical, effectively and once in a while unsteady people, who are distinctive just in the region of their extraordinary preparing. Understudies ought to approach writing that uncovers the degree to which the abstract side of the researcher impacts their work. Obviously, homeroom instructors must assume the significant job in this undertaking, and hence assist understudies with securing a superior comprehension of training. To be viable, educators may need to acquaint themselves with current compositions managing the idea of logical information and the training at work

REFERENCES:

- Ahmad Jasim,(2011). Educating of Biological Science.New Delhi: PHI learning Pvt Ltd.
- Joshith, (2016). Instructional method of Physical science. Chennai: Polymath Press.
- Panneerselvam.,Muthamizhselvan, (2015).The Secondary School understudies corresponding to Scientific Attitude and Achievement in Science,IOSR Journal of Research and Method in Education, 5(8), 5-8.
- Paulmathi Lucas, 2016. An investigation of logical disposition and scholastic accomplishment in study of optional school understudies, AIJRELPLS, 1(1), 68-74.
- Preeti Mishra andUday Singh, (2014). Investigation of logical disposition of B.Ed. also, B.Ed(special) student educators. An International companion investigated SRJIS, 2(13), 1815-1822.
- Radha Mohan, (2004), Innovative Science Teaching, New Delhi PHI learning Pvt. Ltd.
- Sharma R.C.,(1999), Modern science educating, New Delhi, Dhanpatri distributing organization.
- Veliappan and Daisy Nambikkai, (2018), Attitude towards science, An investigation among higher optional understudies in Puducherry area, Research and appearance in Education, 16(2), 21-27.
- JampannavarYadwad, (2018), An investigation of connection between logical demeanor and scholastic accomplishment in science among auxiliary school understudies, Review of exploration 7(4).