

Review Article

**EXPLORING THE IMPACT OF MULTIPLE INTELLIGENCE ON INTEREST AMONG HIGH SCHOOL STUDENTS**

M. Jayaseely<sup>1</sup>

<sup>1</sup>Assistant Professor, School of Management Studies, Sathyabama Institute of Science and Technology.

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**Abstract**

Human Intelligence or cognitive competence can be better described as a set of an individual's multiple abilities, talents and mental skill related to a multiple number of domains of knowledge in a particular cultural setting. According to Gardner there are seven independent types of intelligence that grow and develop differently in different people, depending upon their hereditary characteristics or environmental experiences. Interest represents a tendency to select one activity or thing in preference to something else. The Multiple Intelligence questionnaire based on Niall's Multiple Intelligence test and the Interest assessment inventory based on John Holland's theory was used. The sample consisted of 200 students 50 Boys and Girls each from Government School and 50 Boys and Girls each from Private School. There existed significant impact of Multiple Intelligence and its components namely Linguistic, Bodily Kinesthetic, Logical, Intrapersonal and Interpersonal on Interest and its subcomponents namely Realistic, Investigative, Artistic and Enterprising.

**Keywords:** Multiple Intelligence, Interest, Students, School, Knowledge, Impact, Significant, Linguistic, Intrapersonal, Realistic, Investigative.

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**INTRODUCTION**

In our every day speech communication we regularly comment that a selected kid or individual is extremely intelligent or isn't intelligent All such comments are supported our observation the performance or behaviour of the individual considerations compared to others cluster What makes a personal behave or perform well or not well during this cluster Interest perspective, the will for data communicative skills and similar attributes contribute towards his performance of behaviour. However, were one thing else that is additionally accountable to an outsized degree In psychological science this can be termed intelligence.

**STATEMENT OF THE MATTER**

The problem chosen for the study is as follows:  
"Exploring the impact of Multiple Intelligence on Interest among high school Students.

**HYPOTHESES OF THE STUDY**

The following hypotheses are for verification within the study:

**Hypothesis with respect to variance**

- There exists no important relationship between boys and ladies within the subcomponents Linguistic Bodily kinaesthetic abstraction, Musical, Logical, Intrapersonal, social and realistic of Multiple Intelligence.
- There exists no important relationship between boys and ladies within the subcomponents Realistic, inquiring, inventive Social Enterprising standard of Interest.
- There exists no important relationship between Government and personal high school students within the subcomponents Bodily kinaesthetic, Spatial, Musical, Logical, Intrapersonal, social and realistic of Multiple Intelligence.
- There no important relationship Government and personal highschool students within the subcomponents Enterprising standard of Interest
- Hypothesis with respect to association

- There exist no important association of Multiple Intelligence on Interest of highschool Students.

**DESCRIPTION OF VARIABLES**

**Multiple Intelligences**

Howard Gardner claims that everyone folks have multiple These multiple intelligences will be nurtured and or unnoticed and weakened Howard Gardner at the start developed of seven His listing was tentative. the primary 2 are usually valued in faculties, subsequent 3 are typically related to the and also the final 2 are what Howard Gardner known as 'personal intelligences' (Gardner 1999: 41-43)

- Linguistic Intelligence involves sensitivity to spoken and written the flexibility to be told and also the capability to use language to accomplish sure This intelligence includes the flexibility to effectively use language to specific oneself in theory or and language as a way to recollect poets, lawyers and speakers are among those who Howard Gardner sees as having high linguistic intelligence.
- Logical-mathematical Intelligence consists of the capability to research issues logically, do mathematical operations, and investigate problems scientifically. In Howard Gardner's words, entails the flexibility to discover reason deductively and suppose logically. This intelligence is most frequently associated intelligence talents.

**MEANING OF INTEREST**

"Interest" could also be thought of collectively of the forces that encourage activity. In different words they represent an inclination to pick one activity or factor in preference to one thing else. explicit even additional merely, interests square measure likes even as there square measure individual variations power and action, therefore there square measure in interests. as a result of interests square measure believed to be associated with tutorial success and job satisfaction, it's vital that

a personal has associate understanding strength and weakness of his interest.

**Interest Domains of European nation:**

- Realistic folks square measure typically assertive and competitive, and have an interest in activities requiring motor coordination skills and strength orientation typically value more highly to work a haul through by doing one thing, instead of talking concerning it, or sitting and considering it. They like concrete approaches to drawback determination, instead of abstract theory. they have an inclination to have an interest in scientific or mechanical instead of cultural and aesthetic folks with a practical areas. They wish to work with things
- Investigative folks wish to suppose and observe instead of act, to prepare and perceive info instead of to influence. they have an inclination to like individual instead of folks oriented activities. They wish to work with knowledge
- Artistic folks square measure typically artistic, open, inventive, original, perceptive, sensitive, freelance and emotional. they are doing not like structure and rules, like tasks involving folks or physical skills, and square measure additional doubtless to precise their emotions than others. They wish to suppose, organize and perceive inventive and cultural areas. They wish to work with concepts to things.
- Social folks appear to satisfy their desires in teaching or serving to things. {they square measure they're completely different than R and that i varieties as a result of they're drawn additional to hunt shut relationships with {other folks|people|others} and are less apt wish to be very intellectual or physical They wish to work with people with scientific and mathematical thinking
- Musical Intelligence involves talent within the performance, composition, and appreciation of musical patterns. It encompasses the capability to recogni compose musical pitches, tones and rhythms. per Howard Gardner musical intelligence runs in associate nearly structural and parallel to linguistic intelligence.
- Bodily-kinesthetic Intelligence entails the potential of mistreatment one's whole body or elements of the body to unravel issues it's the power to use mental talents to coordinate bodily movements Howard Gardner sees mental and physical activity as connected.
- Spatial Intelligence involves the potential to acknowledge and use the patterns of wide house and additional confined areas.
- Interpersonal Intelligence thinks about with the capability to grasp the intentions, motivations and needs of people. It permits folks to figure effectively with others. Educators, salespeople, non secular and political leaders and counselors all want a well-developed social intelligence.
- Intrapersonal Intelligence entails the capability to grasp oneself to understand one's feelings, fears and motivations. In Howard Gardner's read it involves having an efficient operating model of ourselves, and to be ready to use such info to control our lives.
- Naturalist Intelligence recently further to the initial list of seven multiple intelligences, naturalist intelligence may be a person's ability to spot and classify patterns in nature. throughout our prehistoric, hunter-gatherers would place confidence in naturalist intelligence to spot what flora and fauna were edible, furthermore as that weren't.

**OBJECTIVES OF THE STUDY**

The objectives of the present study are as follows:

- To explore the association of multiple intelligence on interest of high school students
- To find out whether there is any significant difference between the mean scores of multiple intelligence among the

high school students on the basis of gender (Boys/Girls) and management of school.

- To investigate whether there is any significant difference between the mean scores of interest among the high school students on the basis of gender (Boys/Girls) and management of school.

**POPULATION AND SAMPLE OF THE STUDY**

Group of individuals with one or more similar characteristics are of greater importance to the investigator and would be treated as samples for present study. Keeping in view aim of the study the subjects were selected from Government and Private schools. A simple random sampling technique was adopted to select 200 High school students in Chennai City.

**METHOD OF STUDY**

For the present study the investigator has adopted Survey Method to collect data.

**TOOLS AND TECHNIQUES**

Personal data sheet was developed for this study to provide information on several demographic variables the following tool has been used

1. The multiple intelligence questionnaire based on Niall's Multiple Intelligence test
2. The interest assessment inventory based on John Holland's theory

**Description**

**Tool - 1 Multiple Intelligence**

The Multiple Intelligence questionnaire based on Niall's test with fifty seven statements tool was used to assess the multiple intelligence among the high school students. Hence selected multiple Intelligences such as Linguistic, Bodily kinesthetic, Spatial Musical, Logical, Intrapersonal, Interpersonal and Naturalistic as sub component of Multiple Intelligence having seven statements each it was designed to measure the multiple intelligences of high school students objectively, practically and psychologically.

**Tool- 2 Interest**

The Interest questionnaire is based on the John Holland's interest assessment consisting 36 items was used. It is an Interest inventory which measures of the interest students.

**Reliability coefficient test for Multiple Intelligence Questionnaire**

Variables	N	Reliability	Validity
Multiple Intelligence	30	0.7287	0.53

**Reliability Coefficient test for Interest Inventory**

Variables	N	Reliability	Validity
Interest	30	0.6914	0.47

**MAJOR FINDINGS**

- The boys were found to be greater than ours in the overall Multiple Intelligence evident from significant difference in the mean value.
- The significant mean difference in overall Interest shows boys to be greater than girls
- There was significant difference in Multiple Intelligence and its subcomponents considering on the basis of Gender and Types of Schools
- There was significant difference in Interest and its subcomponents considering on the basis of Gender and Types of Schools
- There exists no significant association between Gender and Multiple Intelligence of High School Students
- There exists significant impact on Gender on Interest.

- There exists significant association between Types of Management and components of Multiple Intelligence and Interest of High School Students.
- The correlation coefficient reveals Linguistic and Bodily Kinesthetic component of Multiple Intelligence are negatively correlated to interest and its subdomains like Investigative, Artistic, Social and Enterprising Components.
- The correlation coefficient reveals Logical, Intrapersonal and Naturalistic component of Multiple Intelligence are positively correlated to Interest and its subcomponents like Realistic and conventional components.

#### IMPLICATIONS

A research can be completed only if the results are put to use the future This present study is concentration to develop students Interest. The current study emphasized exploring the impact of Multiple Intelligence on Interest among High School Students.

#### EDUCATIONAL IMPLICATION

##### Teacher

- Knowledge about Multiple Intelligence of students facilitates in developing night aptitude towards a profession.
- Teachers are able to see that visual arts music and dance can be just as valuable to students understanding of the world they live in as traditional academic subjects.
- Knowledge about interest can help teachers to develop students capacity towards it.
- Teachers can develop themselves and become role model to students to build confidence in students.
- Teachers can make the students bring out their interest and talents through role play, skill to make them more involved
- As parents contribute an equal role in developing students interest teachers should take initiative in guiding the students with proper assistance.
- Parents
- Parents should give guidance and encouragement in developing the child Innate quality and personality.
- Parents contribution is significant they should involve their children in the activities in which they are interested.
- Parents can know the level of their children and thereby try to develop their children's ability.

#### CONCLUSION

The multiple intelligence theory has helped educators to reflect their practice, and given them a basis to broaden their focus and to attend to what might assist people to live their lives well. It acts as value system which maintains that diverse students can learn and succeed, that learning is exciting and that hard work by teachers is necessary. It facilitates meaningful curriculum and assessment options employing the arts to develop children's skills and understanding within and across disciplines. Though there are several factors since childhood that influences them, education and school plays a pivotal role in bringing about the child by paving way to bring about his interest and talents which is in the form of primary abilities.

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