



A study of an Awareness of Students Towards the Disaster and Cyber Safety and Security

¹ Sunita Sharma , ² Dr. Sonia Kaur Bansal

¹ Research Scholar, ² Assistant Professor

Gyan Vihar School of Education, Suresh Gyan Vihar University, Jaipur, Rajasthan

ABSTRACT

The Study of Awareness of Disaster and cyber safety and security between CBSE and RBSE students. The title of this research paper is “An Awareness of students towards the disaster and cyber safety and security”. The study looked at the aspect of disaster and cyber safety and security of students. This study involved a 75-75 split of CBSE and RBSE students. As a tool, a self-made questionnaire was applied, which was based on the NCPCR-2017 manual. According to the findings of this study, there was no substantial difference in students’ Awareness of disaster and cyber safety and security between CBSE and RBSE students.

Keywords - Disaster, Safety and Security, cyber safety and security, Awareness

Introduction

Disaster Safety and Security: -

The Natural disasters have become more common and more significant in recent years. A school must not only teach disaster management skills but also serve as an evacuation shelter in case of a disaster. The occurrence of disasters is inherently unpredictable. If a disaster occurs during school hours, schools must be aware of the risk’s pupils are exposed to and respond immediately. Injury, death, and property damage can also be reduced. In order to increase school resilience to disasters, schools

should implement all-hazards management approach that coordinates environmental preparedness, software plans, and drills. As a result, this research developed a framework for evaluating school disaster management that included ideas like scenario planning, emergency thinking, and disaster psychology.

The Government of India has also prepared some norms regarding disaster management, which are as follows-

To Organize Awareness and Training for all students about-

- Disasters,
- Fire safety, and
- First Aid

To organize Mock Earthquake and Fire safety drills proper training should be organized for all the teachers and staff members over a period of time on first Aid.

To ensure first aid kit at several important locations in the school building and to keep the first Aid kit in operational condition.

Through this study it will be checked at to what level the above government Norms are being used at school and whether there is a major difference

Correspondence to: Sunita Sharma, Gyan Vihar School of Education, Suresh Gyan Vihar University, Jaipur, Rajasthan

Corresponding author. E-mail addresses: soniakaurbansal@gmail.com

between these Norms in CBSE and RBSE schools or not?

Cyber Safety and Security:

Cybersecurity is one of the types of internet security. The purpose is to provide security to digital devices linked to the internet. Cyber security protects the internet from inappropriate activities. So that the Internet user cannot varnished his data, this security protects computers, servers, mobiles and networks from cyber-attacks on the internet.

Technology has immense potential as an educational tool. Children can become victims of cyberbullying, fraud, or something even worse if they use the internet without knowing the risks Kids must understand internet safety guidelines to explore knowledge without feeling scared. Considering the proliferation and sophistication of numerous electronic gadgets, schools are required to regulate and supervise the student activities in her surfing.

By promoting a safe and secure educational environment for effective teaching and learning, we should encourage our kids to get aware about the guideline harmful of internet.

OBJECTIVES: -

- To study the awareness of students towards the safety and security of children on the basis of disaster dimensions in RBSE and CBSE schools.
- To study the awareness of students towards the safety and security of children on the basis of cyber dimensions in RBSE and CBSE schools.

HYPOTHESIS:-

- There is no significant difference in the awareness of students towards the safety and security of children on the basis of disaster dimensions in CBSE and RBSE schools.

- There is not significant difference in the awareness of students towards the safety and security of children on the basis of cyber dimensions in RBSE and CBSE schools.

TECHENICAL TERMS:-

- **Disaster** is a serious disruption occurring over a short or long period of time that causes widespread human, material, economic or environmental loss which exceeds the ability of the affected community or society to cope using its own resources.
- **Safety and security** is the state of being "safe", the condition of being protected from harm or other non-desirable outcomes. Safety can also refer to the control of recognized hazards in order to achieve an acceptable level of risk.
- **Cyber safety and security** are one of the types of safety and security. That is connected to the internet connected system to protect the hardware, software and data from cyber crime.
- Alertness on any subject is known as **awareness**, in this research study of awareness of secondary level students regarding children safety and security in schools has been done.

RESEARCH DESIGN:-

The survey method of research has been selected for this reseach study by the researcher. In this present study CBSE and RBSE students of Jaipur has been selected. The sample of 75 students of CBSE and 75 students of RBSE schools selected randomly.

TOOLS AND TECHNIQUES:-

The researcher used the self- developed tool on **the National Commission for protection of child Right (NCPCR)-2017 New Delhi 110001 manual on the safety and security of children in schools**. The following dimensions were used to create the safety and security checklist : disaster safety and security cyber safety and security

The collected data was analyzed by mean, standard deviation, and t-test.

Manual Table For Awareness Range.

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Corresponding author. E-mail addresses: soniakaurbansal@gmail.com

S. No.	NCPCR Dimensions	Item No.	Maximum Marks	Range of Awareness
1.	Disaster safety and security	14	14	High: 10 – 13
				Medium: 6 – 9
				Low: 0 – 5
2.	Cyber safety and security	10	10	High: 7 – 9
				Medium: 4 – 6
				Low: 0 – 3

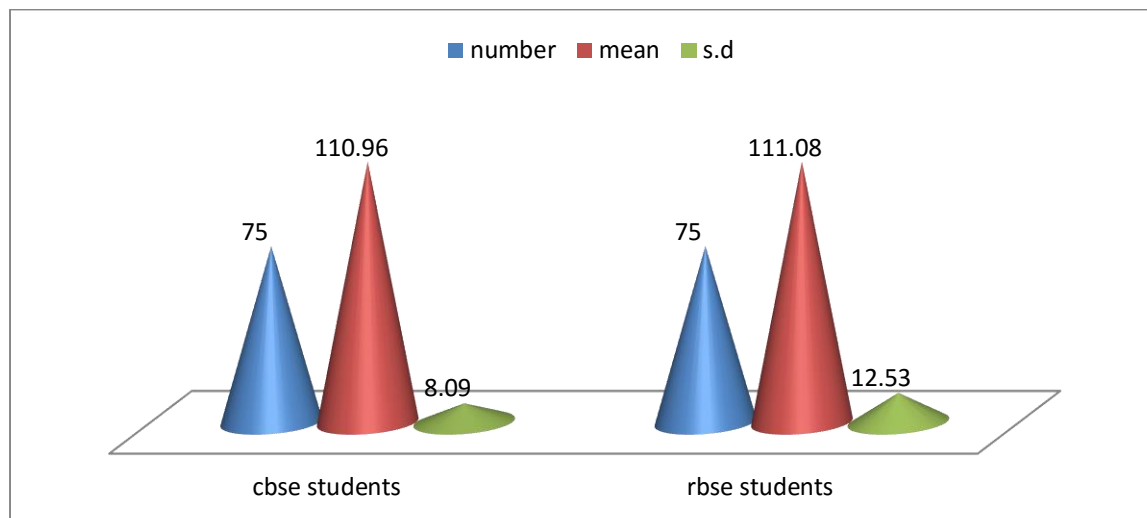
ANALYSIS:-

To study the awareness of students towards the safety and security on the basis of disaster and cyber dimensions in CBSE and RBSE schools.

Table no.- 1: Awareness of Disaster Safety and Security

S.No.	Students	Number	Mean	S.D.	t- Value	Rejected/ Selected
1.	CBSE Students	$N_1 = 75$	$M_1 = 110.96$	$\Sigma_1 = 8.09$	0.07	Selected
2.	RBSE Students	$N_2 = 75$	$M_2 = 111.08$	$\Sigma_2 = 12.53$		

Graph No. 1



The table no. 1 shows that there is no significant difference in students' awareness of disaster safety and security between CBSE and RBSE, with mean values of 110.96 and 111.08, standard deviations of 8.09 and 12.53, and t-values of 0.07 respectively. Indicating that the calculated value of t is lesser than the table value, so we accept the null hypothesis that there is no significant difference in students awareness of child safety and security in CBSE and RBSE schools based on disaster dimensions.

Correspondence to: Sunita Sharma, Gyan Vihar School of Education, Suresh Gyan Vihar University, Jaipur, Rajasthan

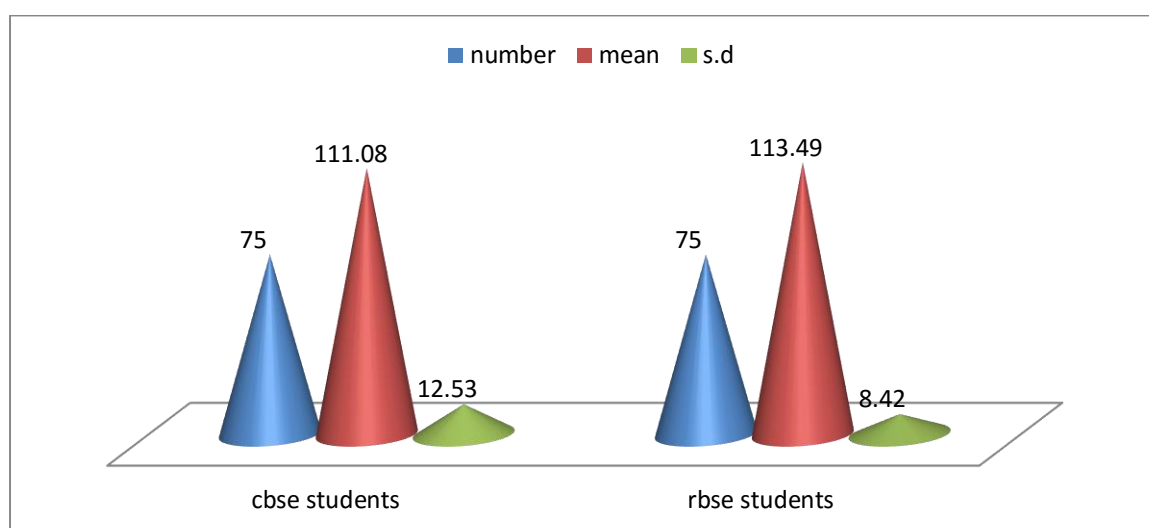
Corresponding author. E-mail addresses: soniakaurbansal@gmail.com

To study the awareness of students towards the safety and security on the basis of disaster and cyber dimensions in CBSE and RBSE schools.

Table no.- 2: Awareness of Cyber Safety and Security

S.No.	Students	Number	Mean	S.D.	t- Value	Rejected/ Selected
1.	CBSE Students	N ₁ = 75	M ₁ =111.08	Σ ₁ = 12.53	1.38	Selected
2.	RBSE Students	N ₂ = 75	M ₂ =113.49	Σ ₂ = 8.42		

Graph No. 2



The table no. 2 shows that there is no significant difference in students' awareness of Cyber safety and security between CBSE and RBSE schools, with mean values of 111.08 and 113.49, standard deviations of 12.53 and 8.42, and t-values of 1.38 respectively. Indicating that the calculated value of t is lesser than the table value, so we accept the null hypothesis that there is no significant difference in students awareness of child safety and security in CBSE and RBSE schools based on cyber dimensions.

Conclusion:-

A comparative study of students' awareness of disaster and cyber safety and security was conducted in this study, and it was concluded that there is no significant difference in students' awareness of child safety and security in CBSE and RBSE schools based on disaster and cyber

dimensions. Because CBSE and RBSE Schools follow the Government norms which have been made for the building construction and prevention of cyber crime.

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Corresponding author. E-mail addresses: soniakaurbansal@gmail.com

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Correspondence to: Sunita Sharma, Gyan Vihar School of Education, Suresh Gyan Vihar University, Jaipur, Rajasthan

Corresponding author. E-mail addresses: soniakaurbansal@gmail.com