



“A STUDY OF AWARENESS ABOUT GLOBAL WARMING AMONG 8th Std STUDENTS.”

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Abstract

The present study aims to identify the awareness about global warming among 8th Std students of Bright High School. Results of the study reveal that many students are aware about different components which cause global warming.

Keywords: - Awareness, Global warming and students

1. Introduction

Global warming is the long-term heating of Earth's climate system observed since the pre-industrial period (between 1850 and 1900) due to human activities, primarily fossil fuel burning, which increases heat-trapping greenhouse gas levels in Earth's atmosphere. It is most commonly measured as the average increase in Earth's global surface temperature.

2. Need of the Study

Changes in technology, energy pricing, corporate practices, consumer behaviour, and other activities influencing people's daily lives are all needed to combat global warming. Because one of the hurdles to global warming reduction is a lack of understanding about climate change in developing nations, it is critical to promote and enable education, training, and awareness programmes.

3. Statement of Aim

“A study of awareness about global warming among 8th Std students.”

4. Operational Definition

- 1) **Study:** Study of awareness about global warming among 8th Std.
- 2) **Awareness:** Awareness is the state of being conscious of something
- 3) **Global warming:** Global warming means the issues industry, agriculture, deforestation, waste material and transportation.
- 4) **Students:** Students means 8th standard students.

5. Objectives

1. To study the awareness about global warming among 8th Std students.
2. To study the awareness about global warming among girls and boys of 8th Std.
3. To study the awareness about how industrial activity causes global warming among 8th Std students.
4. To study the awareness about how agricultural activity causes global warming among 8th Std students.
5. To study the awareness about how deforestation causes global warming among 8th Std. students.
6. To study the awareness about how waste material causes global warming among 8th Std. students.
7. To study the awareness about how transportation causes global warming among 8th Std. students.

6. Hypothesis

1. There is no awareness about global warming among girls and boys of 8th Std.
2. There is no awareness about industrial activity causing global warming among the girls and boys of 8th Std.
3. There is no awareness about agricultural activity causing global warming among the girls and boys of 8th Std.
4. There is no awareness about deforestation causing global warming among the girls and boys of 8th Std.
5. There is no awareness about waste material causing global warming among the girls and boys of 8th Std.
6. There is no awareness about transportation causing global warming among the girls and boys of 8th Std.

7. Methodology

Survey method of research was adopted for the study.

8. Sample for the Study

The sample of study is the students of class 8th. The sample size is 97.

9. Tools used

For the present study, the researcher used the following tools: 'Awareness about Global warming scale prepared and validated by the researcher.

10. Analysis and Interpretation

S r. N o	Variable	Type	Marks obtained	Total Marks	Percentage
1	Global warming Awareness	All students	6666	9700	68.72%
2	Global warming Awareness among girls	Girls	3115	4500	69.22%
	Global warming Awareness among boys	Boys	3551	5200	68.28%
3	Awareness about Industrial activity	All students	1374	1940	70.82%

4	Awareness about Agricultural activity	All students	1331	1940	68.60%
5	Awareness about Deforestation	All students	1376	1940	70.92%
6	Awareness about Waste material	All students	1324	1940	68.24%
7	Awareness about Transportation	All students	1261	1940	65%

1, Interpretation-

Table 10.1 shows the awareness about global warming among 8th std students. The marks obtained are 6666 out of 9700. The overall percentage is 68.72%. The percentage indicates that the score is above average.

Analysis-

These figures indicate that more than average students of standard 8th are aware about global warming.

2, Interpretation-

Table 10.2 shows the awareness about global warming of girls and boys of 8th std students. The marks obtained by girls are 3115 out of 4500 and boys obtained 3551 out of 5200. The overall percentage of girls is 69.22% and overall percentage of boys is 68.28%.

Analysis-

These figures indicate that awareness about global warming among girls and boys of 8th Std is almost similar.

3, Interpretation-

Table 10.3 shows the awareness about how industrial activities lead to global warming among students of 8th Std. The marks obtained are 1374 out of 1940. The overall percentage is 70.82%. The percentage indicates that the score is above average.

Analysis-

These figures indicate that more than average students of standard 8th are aware about how industrial activity causes global warming.

4, Interpretations:

Table 10.4 shows the awareness about how agricultural activity causes global warming among 8th Std students. The marks obtained are 1331 out of 1940. The overall percentage is 68.60%. The percentage indicates that the score is above average.

Analysis:

These figures indicate that more than average students of standard 8th are aware about how agricultural activity causes global warming.

5, Interpretations:

Table 10.5 shows the awareness about how deforestation causes global warming among 8th Std. students. The marks obtained are 1376 out of 1940. The overall percentage is 70.92%. The percentage indicates that the score is above average.

Analysis:

These figures indicate that more than average students of standard 8th are aware about how deforestation causes global warming.

6, Interpretations:

Table **10.6** shows the awareness about how waste material causes global warming among 8th Std. students. The marks obtained are 1324 out of 1940. The overall percentage is 68.24%. The percentage indicates that the score is above average.

Analysis:

These figures indicate that more than average students of standard 8th are aware about how waste material causes global warming.

7, Interpretations:

Table **10.7** shows the awareness about how transportation causes global warming among 8th Std. students. The marks obtained are 1261 out of 1940. The overall percentage is 65%. The percentage indicates that the score is above average.

Analysis:

These figures indicate that more than average students of standard 8th are aware about how transportation causes global warming.

11. Findings

- 1) Awareness about global warming among 8th Std students is 68.72%
- 2) Awareness about global warming among of girls is 69.22% and boys are 68.28%
- 3) Awareness about industrial activities lead to global warming among 8th Std students is 70.82%
- 4) Awareness about how agricultural activities lead global warming among 8th Std students is 68.60%
- 5) Awareness about how deforestation lead to global warming among 8th Std students is 70.92%
- 6) Awareness about how waste material leads to global warming among 8th Std students is 68.24%
- 7) Awareness about how transportation leads to global warming among 8th Std students is 65%.

12. Conclusion

- 1) More than 50% of students are aware of global warming. They are aware about different factors which lead to global warming.
- 2) There is a minute difference between the awareness about global warming among girls and boys. They face a similar situation in dealing with global warming.
- 3) More than 50% of students are aware about different industrial activities which lead to global warming.
- 4) More than 50% of students are aware about how agricultural activities lead to global warming.
- 5) More than 50% of students are aware about deforestation leading to global warming.
- 6) More than 50% of students are aware of how waste material causes global warming.
- 7) More than 50% of students are aware how transportation causes global warming.

13. Suggestions

- 1) Start a conservation club at school to raise awareness. Get your fellow students and teachers on board to have the school reduce energy consumption
- 2) Hang up awareness posters. Reach the people in your community with some simple signs.
- 3) Spread the word locally with a community event. Talk with the people in your neighbourhood or at your school to see if there's something you can do to help raise awareness.

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