



BIRLA PUBLIC SCHOOL GANGANAGAR

(A UNIT OF BIRLA EDUCATION TRUST PILANI)

(A step ahead....)

Session : 2023-24

Science Event Report

Class- VIII-B

Date- 24.01.2024

Subject- Science

Event Name: "Electrifying Electricity"

Objective of the Activity:

1. To make students aware about scientific concepts like Electric Current ,Chemical effects of electric current and how they play an important role in our life.
2. Encourage students to develop creative expression and sharpens senses through keen observation from their daily routine.
3. Enhances curiosity and out of box thinking.
4. To learn team work and cooperation.
5. Inculcating a sense of pride in showcasing their talent.

Total no. of Students: 29

No. of Participants: 28

Methodology:

Science event was organized to make students aware about how science is around them, how small things work. It also enhance the logical and thinking process of the students by creating visual arts that helped them with the concepts of Science in their day-to-day life. The students will be judged according to their performance and different rubrics such as Quiz, Model presentation, Activity Demonstration related to Electric Current.

Brief note about Activity:

The event helped the learners to showcase their skills on the topic of their choice based on creative based process. This event helped the learners to improve their knowledge related to the topic and how to use them in their daily life.

Outcome of Activity:

1. Learner were able to learn how to apply their classroom learning in daily life activities.
2. This event helped the learners to improve their scientific thinking and reasoning skills.
3. Boost confidence among the learners.
4. Encourage peer learning and cooperation.
5. Develop and maintain problem-solving skills.

Evidence of Photographs with no.: 05





Enclosure:

Circular and poster of the event shared with parents/students

BIRLA PUBLIC SCHOOL GANGANAGAR
(A UNIT OF BIRLA EDUCATION TRUST PILANT)
CISE AFFILIATION NO. 170074

*** Electricity can transform matter,
As chemical reactions dance to
rhythm of electrons.**

Event- "Electrifying Electricity"
Chemical effects of Electric Current

Class : VIII
Day : Wednesday
Date : 24 January, 2024
Venue : Classroom

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BIRLA PUBLIC SCHOOL GANGANAGAR
(A UNIT OF BIRLA EDUCATION TRUST PILANT) CISE AFFILIATION NO. 170074

Session: 2023-24

"Electricity can transform matter, As Chemical reactions dance to rhythm of electrons."

Class VIII: Science Event
Electrifying Electricity
(Chemical effects of effects of electric current)

Dear Parents and Students
Greetings!

Electricity is of paramount importance in modern society, influencing virtually every aspect of our daily lives. It plays a crucial and multifaceted role in modern society, impacting various aspects of our daily lives, industries, and technological advancements. The relationship between electricity and its chemical effects is evident in processes like electrolysis, electrochemical cells, corrosion, and electroplating. These phenomena demonstrate the interplay between electrical energy and chemical reactions, forming the basis for various technological applications in energy storage, manufacturing, and material science. With this theme in mind, BPSG is going to organize an event - "Electrifying Electricity".

Objective: To provide opportunities for Experiential Learning where children will participate and enhance their creativity, presentation, and communication skills.

Event Details:
Day: Wednesday
Date: 24/01/2024
Time: School Period
Venue: Classroom

Activities:

- 1. Electrolysis:** Students will observe the gases produced at each electrode (hydrogen at cathode and oxygen at anode) and test them using a litmus (hydrogen) and a glowing splint (oxygen) testlight.
- 2. Electroplating:** Set up an electroplating experiment where students can copper plate a small object (e.g., a key or a coin).
- 3. Conductivity of Solutions:** Student will test the conductivity of different solutions to determine the ionization of substances in water.
- 4. Quiz:** Students will participate in an interactive Science quiz to test their knowledge and understanding about concepts of Chemical Effects of Electric Current.

Marking for Assessment:

- Presentation
- Creativity
- Concept clarity
- Scientific skills

Note:

- Students can make their models and give at home and will demonstrate them on the day of event.
- Students need to create and represent project on the above topic with innovative ideas.
- Participation is compulsory for all the students.
- Parents are requested to motivate their ward for active participation.

Thank you for your cooperation.

Regards,
BPSG

Teacher Name & Signature with Date:

Mr. Sanjeev Kumar

24th January, 2024

ESTD. 2019