DAV PUBLIC SCHOOL

BRS NAGAR, LUDHIANA

celebrates

NATIONAL SCIENCE DAY – 2022

"The essence of science is independent thinking, hard work, and not equipment." – C.V. Raman

National Science Day is celebrated every year on 28th February. On this day, great Indian Physicist Sir C.V. Raman announced the discovery of the 'Raman Effect' for which he was awarded the Nobel Prize in 1930. The theme of the National Science Day -2022 is *"Integrated Approach in Science and Technology for Sustainable Future."*

DAV Public School, BRS Nagar, Ludhiana is celebrating National Science Day -2022 by organizing an array of online events and extends an invitation to its enthusiastic Science aspirants to explore the marvels of Science and participate in various events and win accolades. Your wholehearted participation will be highly appreciated.

❖ Different competitions have been planned to provide a platform to the students to showcase their understanding of Science exhibiting their latent talent, with the goal of appreciating the marvels of

Science, and how Technology has made our lives better and comfortable.

❖ Event specific guidelines and evaluation criteria have been mentioned with each event.

❖ All entries are to be submitted to the event in-charges at their given email ids.

❖ Late entries or incomplete entries will be summarily rejected.

❖ The results of different events will be announced on 28th February, 2022. All the Prize winning entries will get featured on the school website and Facebook page.

❖ E-Certificates of Merit will be awarded to all the 1st, 2nd and 3rd position winners, and E-Certificates of Participation will be given to all the participants.

CALL FOR ENTRIES

EVENT-1

"DIGITAL POSTER MAKING CONTEST"

If you are inquisitive and creative, and want to show it to the world, enter this competition of making a digital poster aimed at showing integration of Science and Technology.

Rules
- It is an individual event.
- Students of classes VI to X can participate in this competition.
- Poster size – 32 inch by 22 inch
- Format – JPEG image, along with time lapse video of 2-3 minutes.

- Date of submission **– 23rd February, 2022**

Group A - Class VI-VIII

1. How modern Technology helps in Agriculture
2. Role of Science & Technology in Sports
3. How Science & Technology advances Medicine

Group B - Class IX-X

1. Role of Science &Technology in Space Exploration
2. Your vision of Science & Technology in 2040
3. Science & Technology in Education in the present times

Evaluation Criteria –

- Detail of design
- Overall Presentation
- Adherence to theme

Event in-charge –
Group A – Ms. Shailja Katoch, shailjakatoch@davbrsnagar.org
Group B – Ms Shivani Bector, shivanibector@davbrsnagar.org

EVENT-2

"BRAIN POP"

All the budding scientists from **classes IV to VI** can grab a chance to showcase their talent of THINKING about SCIENCE, WORKING with SCIENCE and UNDERSTANDING SCIENCE through a demonstration/live video.

Rules

- It is an individual event.
- Make a short video while performing any activity/experiment using different materials explaining the Scientific fact behind it.
- The idea should be unpublished/your own.
- Duration of the video: 3-4 minutes.
- The video can be shot indoors or outdoors.
- Voice over with short and crisp explanation is a must.
- Add a title to your video and write your name, class and section.
- Date of submission – **24th February,2022.**

Evaluation Criteria -

- Originality of idea
- Creativity in presentation
- Explanation of the Scientific fact.

Event in-charge – Ms Navritu, navritu@davbrsnagar.org

EVENT- 3

"Tinker to Innovate"

Breaking barriers with gaming -This competition invites students from **classes VII to X** to develop a game bringing fun while learning Science.

Rules

- It is a team event with team size of two students from the same class.
- Use any virtual platform or app such as **Scratch** to develop a game.
- The game should help learners in understanding Science in a fun way.
- Create a video of 3-4 minutes describing the game and its utility.
- The code of the game is also to be submitted
- Date of submission of video link and code – **25th February, 2022.**

Evaluation Criteria –

- Originality & Creativity
- Utility of the game
- Correct Scientific Explanation & Overall presentation

Event in-charge –
Ms Neha Verma, nehaverma@davbrsnagar.org
Ms. Sumeet Kaur, sumeetkaur@davbrsnagar.org

EVENT-4

"QUIZ-O-MANIA"

What we know is a drop, what we don't know is an ocean.
There is myriad of scientific knowledge out there, let's grab the
opportunity to explore this ocean of knowledge.

Showcase your knowledge and understanding of Science by participating in this quest for knowledge. Attempt the online quiz through Google Form in the given time limit and submit. Students from class III to X can participate in this event.

Duration- 25 minutes, Maximum Marks – 50,
Date of Event – **26th February, 2022.**

Topics –

Category A - Classes III-VI - Great Scientists/Nobel laureates, Inventors and Inventions, Flora and Fauna in Indian sub-continent.

Category B - Classes VII –X - Technology in the service of mankind, Indian space explorations, James Webb Space Telescope (JWST).

Event in-charge –
Group A – Ms. Neha Lohia, nehalohia@davbrsnagar.org
Group B – Ms. Ritu Sharma, rituranjna@davbrsnagar.org