D.A.V INTERNATIONAL SCHOOL, MULUND
2021 – 2022
DAV CAE OLYMPIADS

Ref: /D.A.V. Mulund /2021-2022/Cir-018   Date:-28.08.2021

Dear Parents,

We are pleased to inform you that DAV CAE (DAV Center for Academic Excellence) has decided to conduct ICT, Maths and Science Olympiad for the Academic session 2021-22.

DAV Students across the country participate in the Olympiad in order to excel in the subjects of Science, Mathematics and ICT. Today our world is highly dependent on Science and IT, and the dependency is only growing day by day. Our students, who will become leaders of tomorrow, get an opportunity to analyse their skills and prepare for the future with these exams. Olympiad will help in identifying young genius, train their minds and skill at the right age in the right way.

➢ Details are as follows:

1. ICT Olympiad for i) Age Group I (Classes V to VIII)

           and ii) Age Group II (Classes IX to XII)

Objective of conducting ICT Olympiad is to motivate students to strive for better and deeper understanding of the subject and enhance their reasoning, analytical and problem solving skills. It will be an on-line Multiple Choice Question Test. The ICT Olympiad for both the groups will not be based on text book syllabus.

2. General Science Olympiad for Class VIII

3. Maths Olympiad for Class VIII

Objective of organizing Maths & Science Olympiad is to encourage students to develop competitive spirit, work hard to excel, sharpen their mental ability and enhances the analytical reasoning ability in a child. It increases the thinking capability, problem solving skills, confidence and helps in the overall development of a child.

It will be an on-line Multiple Choice Question Test. Students are to study / prepare for General Science and Maths Olympiad from their textbooks.

➢ A nominal fee of Rs. 50/- per student per subject (per Olympiad) will be charged for ICT, Science and Maths Olympiad.

➢ Choice of Exam Venue : From Home / From School (Students are provided with the choice to appear for the exam either from home or from school)

➢ Hardware & Software requirements :

  • Students can give the exam from home / School Computer Laboratory.

  • Windows 7 and above • Intel Core i3 Processor and above

  • Minimum 4 GB RAM

  • Latest Version of Chrome or Firefox only (Will not support any other browser)

  • Web Camera if Student is opting for exam from home

  • Internet Speed needs to be good to be able to complete the exam successfully.

  • Power Backup to ensure uninterrupted session.

➢ Olympiads will likely to be held in the months of December, 2021 / January, 2022. Further details like date and time slot will be informed to you later. Office timings 10 am to 12 noon.

➢ As the Olympiads will be conducted by DAV CAE we request all the students to participate in this. **Fees may be paid in the school office.**

Thanking you, for all your support towards our academic and non-academic initiatives.

Hema Nair

Officiating Principal

ICT Syllabus for Group I (Classes V to VIII) is as follows :

<u>Web Browser and Networking</u>

- Web terminologies and Web Browsers
- Protocols
- Transmission Media
- Networking devices
- History of internet
- Emails, Social media
- Virus & Antivirus concept
- Cyber World
- E-commerce
- Search Engines

<u>HTML and Gaming</u>

- HTML Tags and attributes
- Concept of URL
- Links and Hyperlinks
- Tables
- Lists
- Various Games and related levels and details

<u>Hardware and Software</u>

- Types of computers
- Generations of computers
- Components of CPU, (system unit), Microprocessors and chips
- Booting process
- Peripheral devices
- Types of storage
- Units of memory
- Inventions and Abbreviations
- Operating System
- Printers
- Input / Output devices

<u>GIMP</u>

- Tools
- Interface, File extension and shortcut keys
- Commands and filters

LOGO

- LOGO Screen and its parts
- ALL LOGO commands
- Primitives and procedures

Open Office and MS Office

- Licensed, Proprietary, Open Source software etc.
  Writer: Creating, Saving, formatting and printing documents, printing with various optionsMail Merge, short cut keys, various tool bars, etc.
- CALC : Concept of cell, cell address, formula etc, formatting cells, various tool bars andoptions etc.
- Impress:Concept of slide, transitions, various PowerPoint views, Short cut keys, all tool bars,printing, saving opening, closing presentations etc.

Tux Paint and MS Paint

- Brushes, Tools, File extensions
- Paint tools, opening, saving and creating files,
- Working with images and photos in Paint

Scratch

- Tools
- Concept of sprite, Scratch window
- Blocks and shapes
- Screen layouts
- Sound, costumes and background
- File formats supported and used