

**ICT Olympiad**  
**Group I: Detailed Syllabus**

**Web Browser and Networking**

- 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

**HTML and Gaming**

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

**Hardware and Software**

- 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

**GIMP**

- 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.
- Word: Creating, Saving, formatting and printing documents, printing with various options Mail Merge, short cut keys, various tool bars, etc.
- Excel : Concept of cell, cell address, formula etc, formatting cells, various tool bars and options, formulas used in Excel , etc.
- PowerPoint: Concept of slide, transitions, various PowerPoint views, Short cut keys, all tool bars, printing, saving opening, closing presentations etc.
- Access : concept of database 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