



Smarthinking supports a wide variety of topics in Computers & Technology

Adobe Suite Applications:

Illustrator, InDesign, Photoshop

- Import, manipulate, and save images and design files
- Use basic tools and layers
- Customize, correct, and edit outside file types

Microsoft Office Suite:

Access, Excel, PowerPoint, Word

- Create, format, modify, and save files
- Simplify organization and presentation
- Utilize program tools to manipulate and display data effectively
- Apply versioning and security features

Introduction to Computer Science

- Understand digitization, storage, and transfer of data
- Basics of algorithms and programming languages
- Common elements of computer graphics
- Communication via networks and the Internet

Operating Systems:

Windows 7/10 & Linux

- Understand the desktop and interface
- Manage and organize files
- Work with security settings and software
- Perform searches, use help features

Popular Programming Languages:

C++, C#, Python

- Write and compile code
- Understand logic constructs, flow charting
- Code loops and functions
- Apply properties, classes, & inheritance

Web Layout & Design: CSS & HTML

- Author and modify stylesheets
- Design layouts with frames, divs, and tables
- Create, implement selectors and forms

Web Development with JavaScript & PHP

- Understand and utilize the Document Object Model (DOM)
- Code events and elements

SQL

- Generate and run queries
- Create & modify tables

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