



# 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



Learn more at  
[smarthinking.com](https://www.smarthinking.com)