

2023-2024 Introduction to Software Technology
Pacing Guide

Unit 1: Hardware/ Computing Basics	2 weeks
Unit 2: Operating Systems and Software	1.5 weeks
Unit 3: Digital Citizenship & Cyber Hygiene	1.5 weeks
Unit 4: Programming with Karel/ Karel Challenges	2 weeks
Unit 5: Web Design - HTML	2 weeks
Unit 6: Web Design CSS	2 weeks
Unit 7: Java Script and Graphics	2 weeks
Unit 8: Web Development	2 weeks
Unit 9: Computer Science Careers	.5 weeks
Unit 10: Projects - Create Your Homepage/ IT Professional	1.5 weeks
Review for Final	1 week

Essential Standards

- **IT-IST-2** Establish a personal online career portfolio and begin uploading relevant artifacts.
- **IT-IST-4** Demonstrate effective professional communication skills (oral, written, and digital) and practices that enable positive relationships with all audiences of a business.
- **IT-IST-5** Identify, describe, evaluate, and use appropriate technology for given situations.
- **IT-IST-7** Use computational thinking procedures to analyze and solve problems.
- **IT-IST-8** Create and organize webpages through the use of a variety of web programming design tools.
- **IT-IST-9** Identify and explain the building blocks, principles, and ways to access code within programming languages used today.
- **IT-IST-10** Design, develop, test, and implement programs using high-level programming languages.

- **IT-IST-11** Describe, analyze, develop, and follow policies for managing ethical and legal issues in the business world and in a technology-based society.