

4th Grade Technology Pacing Guide

Weeks	Unit Title	Focus and Objectives
1–6	Unit 1: Systems Thinking in Computing	<ul style="list-style-type: none">● systems, components, hardware/software collaboration, troubleshooting
7–12	Unit 2: Digital Communication & Cybersecurity	<ul style="list-style-type: none">● wired/wireless data transfer, information systems, digital safety & privacy
13–18	Unit 3: Data, Storage, & Environmental Impact	<ul style="list-style-type: none">● collecting, visualizing data● climate change data● environmental tech impact
19–24	Unit 4: Foundations of Programming	<ul style="list-style-type: none">● algorithms, sequencing, conditionals, loops, data storage with variables
25–30	Unit 5: Program Development & Iterative Design	<ul style="list-style-type: none">● remixing code, testing, debugging, iterative development
31–36	Unit 6: Design Thinking, Innovation & Equity	<ul style="list-style-type: none">● design process, accessibility, redesign, sustainability, societal impact