

Start here

Unit 1, How Computers Think. Computer Programming I, Digital Technology cluster.

What you were sent

58 documents. Every one is complete on its own and opens in Word.

Folder	Files	What it is
Teacher	32	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	24	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U01_L03a_HANDOUT_Error-Message-Lab.docx

Course, unit, lesson, what it is, what it is called. Alphabetical order is teaching order. The same code prints in every footer.

Files ending _SUPPORT carry more structure. Files ending _STRETCH ask for more judgment. Available for: Binary Decoder, Impact Brief, Write the Algorithm.

Files with SUB- in the name are one page substitute plans.

Before day one

Read the teacher preparation notes in the unit overview.

What to copy, and when

Handout	Use with	Pages	Copies
Computer Programming I	Keep all year	24	1 per student, keep all year
Unit 1 Student Guide: How Computers Think	Keep all year	10	1 per student, keep all year

Handout	Use with	Pages	Copies
Unit 1 Vocabulary Cards	Keep all year	13	1 set per pair, card stock
Sentence Frames Reference Card	Keep all year	3	1 per pair, laminate
Binary Decoder	Lesson 2	8	1 per student
Bits to Pictures	Lesson 3	8	1 per student
Algorithm Analysis: Two Ways to Do the Same Thing	Lesson 4	6	1 per student
Write the Algorithm	Lesson 5	6	1 per student
How the Internet Moves an Idea	Lesson 6	6	1 per student
Computing in My Life	Lesson 7	6	1 per student
Mid-Unit Checkpoint	Lesson 8	6	1 per student, print same day
Your Data Footprint	Lesson 9	6	1 per student
Engagement Design Analysis	Lesson 10	6	1 per student
The Access Gap	Lesson 11	6	1 per student
Career Plan Draft	Lesson 13	6	1 per student
Technology Impact Brief	Lesson 14	14	1 per student, staple
Peer Feedback Protocol Card	Lesson 14	3	1 per pair, laminate
Self-Assessment and Reflection	Lesson 15	6	1 per student

Fonts

IBM Plex Sans and IBM Plex Mono, both embedded. Code is set in the monospace face everywhere it appears.

Edition

Edition 2026.1. Aligned to the Maryland CTE course standards adopted by the State Board in September 2025.