

Start here

Unit 2, Your First Programs. Computer Programming I, Digital Technology cluster.

What you were sent

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

Folder	Files	What it is
Teacher	38	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	28	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U02_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: Cost of Something Real, Error Message Lab, Variables Lab.

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

Before day one

This unit is where students write their first code. Set up the environment before Lesson 1 and run one program yourself on a student machine. Lesson 1 carries a full offline fallback for the day the network fails, and you should read it before you need it.

What to copy, and when

Handout	Use with	Pages	Copies
Computer Programming I	Keep all year	24	1 per student, keep all year

Handout	Use with	Pages	Copies
Unit 2 Student Guide: Your First Programs	Keep all year	10	1 per student, keep all year
Error Message Decoder	Keep all year	4	1 per pair, laminate
First Run Checklist	Lesson 1	6	1 per student
Print and Comment Lab	Lesson 2	6	1 per student
Error Message Lab	Lesson 3	8	1 per student
Comment It Like You Mean It	Lesson 4	8	1 per student
File and Folder Setup	Lesson 5	6	1 per student
Variables Lab	Lesson 6	8	1 per student
Whole Numbers and Decimals Lab	Lesson 7	6	1 per student
Strings Lab	Lesson 8	6	1 per student
Booleans Lab	Lesson 9	8	1 per student
Unit 2 Mid-Unit Checkpoint	Lesson 10	6	1 per student, print same day
Type Conversion Lab	Lesson 11	8	1 per student
Math Lab	Lesson 12	8	1 per student
Order of Operations Lab	Lesson 13	8	1 per student
Building Messages Lab	Lesson 14	8	1 per student
Formatting Output Lab	Lesson 15	8	1 per student
Developer Setup and Career Plan	Lesson 16	10	1 per student
The Cost of Something Real	Lesson 17	16	1 per student, staple
Peer Code Review Card	Lesson 17	4	1 per pair, laminate
Unit 2 Self-Assessment and Reflection	Lesson 18	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.