

Start here

Unit 12, Build It, Ship It, Explain It. Computer Programming I, Digital Technology cluster.

What you were sent

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

Folder	Files	What it is
Teacher	36	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	18	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U12_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: Design Document.

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

Handout	Use with	Pages	Copies
Unit 12 Student Guide: Build It, Ship It, Explain It	Keep all year	12	1 per student, keep all year
Project Standards Card	Keep all year	6	1 per pair, laminate
Project Pitch	Lesson 1	6	1 per student
Scoping Worksheet	Lesson 2	8	1 per student
The Design Document	Lesson 3	8	1 per student
Build Log	Lesson 4	4	1 per pair, laminate
Midpoint Review	Lesson 7	8	1 per student, print same day
Test Plan	Lesson 10	10	1 per student
Code Review Protocol	Lesson 11	4	1 per pair, laminate
Writing the Documentation	Lesson 12	8	1 per student
The Portfolio Entry	Lesson 13	8	1 per student
The Resume	Lesson 14	10	1 per student
Interview Practice	Lesson 15	10	1 per student
Dress Rehearsal	Lesson 16	8	1 per student
Capstone Self-Assessment and Course Reflection	Lesson 17	12	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.