

Start here

Unit 1, From Python to Java. Computer Programming I, Digital Technology cluster.

What you were sent

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

Folder	Files	What it is
Teacher	26	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	29	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: Declare It Correctly, Program Frame Lab, The Translation.

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	Keep all year	12	1 per student, keep all year

Handout	Use with	Pages	Copies
Unit 1 Vocabulary Cards	Keep all year	4	1 set per pair, card stock
Python to Java Card	Keep all year	3	1 per pair, laminate
Sentence Frames for Talking About Compiling	Keep all year	3	1 per pair, laminate
Two Languages, One Program	Lesson 1	6	1 per student
Compile Then Run	Lesson 2	6	1 per student
The Frame Every Program Needs	Lesson 3	6	1 per student
Java Frame Card	Lesson 3	1	1 per pair, laminate
Toolchain Setup Walkthrough	Lesson 4	8	1 per student
When Setup Fails Card	Lesson 4	3	1 per pair, laminate
Your First Java Program	Lesson 5	6	1 per student
Printing and Joining	Lesson 6	6	1 per student
Declare It Correctly	Lesson 7	8	1 per student
Declaration and Naming Card	Lesson 7	3	1 per pair, laminate
Unit 1 Mid-Unit Checkpoint	Lesson 8	4	1 per student, print same day
Ten Programs That Will Not Compile	Lesson 9	10	1 per student
Compiler Message Decoder	Lesson 9	2	1 per pair, laminate
Who Writes Java and What For	Lesson 10	6	1 per student
The Translation	Lesson 11	10	1 per student, staple
Disagreement Log	Lesson 11	4	1 per student
Translation Rubric	Lesson 11	3	1 per pair, laminate

Handout	Use with	Pages	Copies
Unit 1 Self-Assessment and Reflection	Lesson 12	8	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.