

Start here

Unit 11, Files and Persistence. Computer Programming I, Digital Technology cluster.

What you were sent

53 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	25	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U11_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: Lines Into Objects, Record Format Design, Thing That Remembers.

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 11 Student Guide	Keep all year	14	1 per student, keep all year
File Method Reference Card	Keep all year	4	1 per pair, laminate
File Exception Decision Card	Keep all year	3	1 per pair, laminate
Sentence Frames for Talking About Files	Keep all year	3	1 per pair, laminate
Where the Data Goes	Lesson 1	6	1 per student
Reading a File with Scanner	Lesson 2	8	1 per student
Turning Lines into Objects	Lesson 3	10	1 per student
Writing a File with PrintWriter	Lesson 4	8	1 per student
Closing the File Two Ways	Lesson 5	8	1 per student
Unit 11 Mid-Unit Checkpoint	Lesson 6	6	1 per student, print same day
When the File Is Not There	Lesson 7	10	1 per student
Designing a Record Format	Lesson 8	8	1 per student
Load on Start, Save on Change	Lesson 9	10	1 per student
Who Is Responsible for the Data	Lesson 10	6	1 per student
The Thing That Remembers	Lesson 11	10	1 per student, staple
Persistence Test Log	Lesson 11	4	1 per student
Corrupt the File Protocol Card	Lesson 11	3	1 per pair, laminate

Handout	Use with	Pages	Copies
Unit 11 Self-Assessment and Reflection	Lesson 12	10	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.