

Start here

Unit 5, Programs That Repeat. 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_U05_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: Accumulator Lab, Does It a Hundred Times, Loop Trace Lab.

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 5 Student Guide: Programs That Repeat	Keep all year	12	1 per student, keep all year
Loop Patterns Card	Keep all year	5	1 per pair, laminate
First Loop Lab	Lesson 1	8	1 per student
Range Lab	Lesson 2	8	1 per student
Accumulator Lab	Lesson 3	10	1 per student
String Loop Lab	Lesson 4	10	1 per student
Loop Trace Lab	Lesson 5	10	1 per student
While Lab	Lesson 6	10	1 per student
Infinite Loop Lab	Lesson 7	8	1 per student
For or While	Lesson 8	8	1 per student
Unit 5 Mid-Unit Checkpoint	Lesson 9	10	1 per student, print same day
Sequence Loop Lab	Lesson 10	10	1 per student
Collecting Many Answers	Lesson 11	10	1 per student
Counting and Totalling	Lesson 12	10	1 per student
Decisions Inside Loops	Lesson 13	10	1 per student
Stopping Early	Lesson 14	12	1 per student
Zero, One, Many	Lesson 15	10	1 per student
What Automation Changes	Lesson 16	10	1 per student
The Program That Does It a Hundred Times	Lesson 17	14	1 per student, staple
Test Case Card	Lesson 17	6	1 per pair, laminate
Unit 5 Self-Assessment and Reflection	Lesson 18	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.