

# Start here

Unit 3, Programs That Talk Back. Computer Programming I, Digital Technology cluster.

## What you were sent

50 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 | 22    | One file per handout                                                                                   |
| Index   | 1     | Every file, copies needed, paper stock                                                                 |

## How the names work

CP1\_U03\_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: Converting Input, Everything Is a String, Tool Someone Can Use.

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 3 Student Guide: Programs That Talk Back | Keep all year | 10    | 1 per student, keep all year  |
| Prompt Writing Card                           | Keep all year | 5     | 1 per pair, laminate          |
| First Input Lab                               | Lesson 1      | 8     | 1 per student                 |
| Everything They Type Is a String              | Lesson 2      | 8     | 1 per student                 |
| Prompt Rewrite Lab                            | Lesson 3      | 8     | 1 per student                 |
| Converting What They Typed                    | Lesson 4      | 10    | 1 per student                 |
| Unexpected Input Lab                          | Lesson 5      | 8     | 1 per student                 |
| Unit 3 Mid-Unit Checkpoint                    | Lesson 6      | 6     | 1 per student, print same day |
| Readable Output Lab                           | Lesson 7      | 8     | 1 per student                 |
| Input, Processing, Output                     | Lesson 8      | 10    | 1 per student                 |
| Build It: The Tool That Asks                  | Lesson 9      | 10    | 1 per student                 |
| Who Is Your User?                             | Lesson 10     | 10    | 1 per student                 |
| The Tool Someone Else Can Use                 | Lesson 11     | 14    | 1 per student, staple         |
| User Test Protocol                            | Lesson 11     | 5     | 1 per pair, laminate          |
| Unit 3 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.