SKILLS MAP

# Skills Map and Standards

This map shows what students learn each day and the standards each day connects to. A day practices part of each standard, not all of it. Under each code, "This day" says what that day does toward it; the standards' own wording is in the table under the map. Every code was checked against its official source on November 3, 2026.

## What students learn, and the standards it connects to

| Day | What students learn | Standards it connects to | Where students do it |
|---|---|---|---|
| **Day 1** | Change a variable with an update operator, work out ** and a minus sign in the right order, and use the editor's tools. | **FL 21.01**<br>*This day:* Work out what a chain of update operators prints.<br>**FL 20.02**<br>*This day:* Use a program editor's line numbers, auto-indent, suggestion list and comments. | The Day 1 activity, Operator Relay, the try-it and the exit ticket. |
| **Day 2** | Turn off a test line, fix the line the Error panel names and finish programs with *= and /=. | **FL 20.02**<br>*This day:* Use a program editor to write, test and fix source code. | The Day 2 lab, Warm-Up Arcade, and the exit ticket. |
| **Day 3** | Find and fix a logic error in an update, and show every skill on the quiz. | **FL 21.01**<br>*This day:* Determine the results of code segments with update operators.<br>**FL 20.02**<br>*This day:* Use a program editor to fix source code. | The applied task and the lesson quiz. |

| Standard | Its official wording |
|---|---|
| **FL 21.01** | Determine the results of code segments. |
| **FL 20.02** | Use a program editor to write the source code for a program. |

## Your state's standards

The steps under "Use AI to find your state's standards" show how to fill in this table.

| Day | What students learn | Your state's code | Your state's wording |
|---|---|---|---|
| **Day 1** | Change a variable with an update operator, work out ** and a minus sign in the right order, and use the editor's tools. | | |
| **Day 2** | Turn off a test line, fix the line the Error panel names and finish programs with *= and /=. | | |
| **Day 3** | Find and fix a logic error in an update, and show every skill on the quiz. | | |

**Sources.** Florida Department of Education, course framework for 9007220 Intermediate Programming, 2026-27.

## Use AI to find your state's standards

An AI chat tool can find the standards in your state that match this lesson. Follow these steps.

1. Select all of the text in the box below, and copy it.
2. Open an AI chat tool that your school allows, such as ChatGPT, Gemini, Copilot or Claude.
3. Paste the text into the chat. At the very end, type your state and your course. For example, type: Texas, Computer Science I.
4. Send the message. The AI will make a table of the standards in your state that match this lesson.
5. Check each code on your state's official standards website before you use it. AI tools can make mistakes.
6. Write the codes that you checked in the "Your state's standards" table.

**Copy everything inside this box.**

I am a teacher. Please help me match a lesson I teach to my state's standards.

The lesson is called Welcome Back: The Python You Know. It's a 3-day computer science lesson for grades 9-12.

Below is what students do in this lesson and the standards it connects to. The codes come from these standards: the Florida course framework for Intermediate Programming (9007220, 2026-27).

Day 1: Change a variable with an update operator, work out `**` and a minus sign in the right order, and use the editor's tools. The Day 1 activity, Operator Relay, the try-it and the exit ticket. This matches FL 21.01 and FL 20.02.

Day 2: Turn off a test line, fix the line the Error panel names and finish programs with `*=` and `/=`. The Day 2 lab, Warm-Up Arcade, and the exit ticket. This matches FL 20.02.

Day 3: Find and fix a logic error in an update, and show every skill on the quiz. The applied task and the lesson quiz. This matches FL 21.01 and FL 20.02.

Please do these steps.

1. Find my state's current official standards for my course. If you can search the web, use my state's department of education website, and give me the link. If you can't search the web, tell me, and I'll paste my state's standards.

2. If my course has no standards that match, look in my state's computer science and technology standards. Tell me which ones you used.

3. Choose only the standards that truly match what students do in this lesson.

4. Make a table with four columns: Day, State code, What the standard says and How strong the match is. In the last column, write strong or partial.

5. Never make up a code. If you're not sure about a code, say so.

If I didn't type my state and my course at the end, ask me for them before you start.

My state and my course: