Name: Robert Lefrandt	Grading Quarter: 2	Week Beginning: 12/09/2024
School Year: 2024-25	Subject: Software & App Design	

| | Notes:
Minecaft for Education (Python)

Amazon Future Engineers (AFE) (Python)

Kahn Academy

Microsoft Visual Code for Educators Python resources: pythontutor | Veteran's Day - Teachers / Students will:

• continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials, certifications.
• Understand the front and back end of a web-stack
• Recognize various programming **Learning Management Systems** (LMS)
• Aware of other programming resources

Lesson Overview:
Online Courses, LMS examples: Learn JavaScript and Python

• Start with WebStack: front-end: HTML , CSS. JavaScript using freecodecamp
• Create accounts for freecodecamp.org
  ◦ HTML
  ◦ Cascading Style Sheets (CSS)
  ◦ Resources:
    ▪ w3schools.com
    ▪ Stackoverflow.com
• TechSmart: CS Python Learning Management System (LMS)
  ◦ Login to online Python Student Accounts
  ◦ www.techsmart.codes/
  ◦ **Unit 2.1:** If Statements, Decisions, Conditions
  ◦ **Lesson** 2.1 Comparison Operators
  ◦ **2.2** elif and else
  ◦ **2.3**: Built-in Libraries
  ◦ **2.4:** Booleans, Practice Test. Unit Test
  ◦ **3.1 Loops:** While Loops – <mark>Review</mark> (Worksheet)
  ◦ **3.2 Loops:** Controlling Loops
Raspberry Pi Pico – Thonny(IDE) Python | Academic Standards:

Arizona CTE: Software & App Design 11.0202.00 Technical Standards

STANDARD 12.0 DEVELOP A PROGRAM

12.1 Use a program editor to enter and modify code

12.2 Identify correct input/output statements |

Monday

Tuesday	Notes:
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	Microsoft Visual Code for Educators Python
	
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	Kahn Academy
	
	Microsoft Visual Code for Educators Python
	
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