Name: Robert Lefrandt	Grading Quarter: 1	Week Beginning: 10/14/2024
School Year: 2024-25		Subject: Software & App Design

	Notes:	Professional Development Teachers / Students will:	Academic Standards:

Monday	Minecaft for Education (Python)
	
	Amazon Future Engineers (AFE) (Python)
	
	Kahn Academy
	
	Microsoft Visual Code for Educators Python resources: pythontutor
		• 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
		    ▪ Condition
		    ▪ if statement
		    ▪ Equal to
		    ▪ Not equal to
		  ◦ **Lesson** 2.1 Comparison Operators
		  ◦ **2.2** elif and else
			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

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