Name: Robert Lefrandt	Grading Quarter: 3	Week Beginning: 01/06/2025
School Year: 2024-25		Subject: Software & App Design

Monday	Notes: Minecaft for Education (Python) Amazon Future Engineers (AFE) (Python) Kahn Academy Microsoft Visual Code for Educators Python resources: pythontutor	*Prof. Dev. No school - - 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/ 3.2 Loops: Controlling Loops (break/exit, conti/skip) **3.3 Classes:** instance, method, attributes Raspberry Pi Pico – Thonny(IDE) Python	Academic Standards: **Arizona CTE: Software & App Design 11.0202.00 Technical Standards** **Domain 1 Coding/ Programming** STANDARD 17.0 EMPLOY OBJECT-ORIENTED PROGRAMMING TECHNIQUES **Domain 2 Software/ Application Development** **STANDARD 12.0 DEVELOP A PROGRAM**

Tuesday	Notes: Minecaft for Education (Python) Amazon Future Engineers (AFE) (Python) Kahn Academy Microsoft Visual Code for Educators Python resources: pythontutor	Students will:
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		• Understand the front and back end of a web-stack
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		• 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
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		  ◦ HTML
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	Kahn Academy
	
	Microsoft Visual Code for Educators Python
	
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| Thursday | Notes:
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