

Name: Robert Lefrandt		Grading Quarter: 3	Week Beginning: 03/03/2025
School Year: 2024-25		Subject: Software & App Design	
Monday	Notes: Minecraft for Education (Python)	<p>Students will:</p> <ul style="list-style-type: none"> 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 <p>Lesson Overview: Online Courses, LMS examples: Learn JavaScript and Python</p> <ul style="list-style-type: none"> Start with WebStack: front-end: HTML , CSS. JavaScript using freecodecamp Create accounts for freecodecamp.org <ul style="list-style-type: none"> HTML Cascading Style Sheets (CSS) Resources: <ul style="list-style-type: none"> w3schools.com Stackoverflow.com TechSmart: CS Python Learning Management System (LMS) <ul style="list-style-type: none"> Login to online Python Student Accounts www.techsmart.codes/ 3.2 Loops: Controlling Loops (break/exit, conti/skip) 3.3 Classes: instance, method, attributes 3.3 Classes Worksheet 3.4 Graphics 3.5-Animation 3.4-3.5 Worksheets 3.6-Interaction 3.7-Collision Worksheets 3.6-3.7(Done) Unit 3 Tests (this Week before Spring Beak) Begin Unit 4 -Lists Raspberry Pi Pico – Thonny(IDE) Python <ul style="list-style-type: none"> Met/w Fish & Game- Ari && Charles-Robotics VEX Robotics- High Stakes – VEX V5 vr.vex.com -Block/Python Leading Arizona – BRHS Top 1-6 scores AI/VEX AI 	<p>Academic Standards:</p> <p>Arizona CTE: Software & App Design 11.0202.00 Technical Standards</p> <p>Domain 1 Coding/ Programming STANDARD 17.0 EMPLOY OBJECT-ORIENTED PROGRAMMING TECHNIQUES</p> <p>Domain 2 Software/ Application Development</p> <p>STANDARD 12.0 DEVELOP A PROGRAM</p>
	Amazon Future Engineers (AFE) (Python) Kahn Academy Microsoft Visual Code for Educators Python resources: pythontutor		

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