

Name: Robert Lefrandt		Grading Quarter: 1	Week Beginning: 09/16/2024
School Year: 2024-25		Subject: Software & App Design	
Monday	Notes: Minecraft for Education (Python) Amazon Future Engineers (AFE) (Python) Kahn Academy Microsoft Visual Code for Educators Python resources: pythontutor	<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/ ◦ Lesson 1.1: Statements and Variables ◦ Lesson 1.2: Libraries ◦ lesson 1.3: (Data Type) Integers & Floats ◦ lesson 1.4 Compound Assignment Operators, Return Values, Expressions ◦ Review: Unit 1 – Linear Programs <p>*Competition Prep</p>	<p>Academic Standards:</p> <p>Arizona CTE: Software & App Design 11.0202.00 Technical Standards</p> <p>STANDARD 12.0 DEVELOP A PROGRAM</p> <p>12.1 Use a program editor to enter and modify code</p> <p>12.2 Identify correct input/output statements</p>

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