Name: Robert Lefrandt	Grading Quarter: 1	Week Beginning: 09/16/2024
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	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/ **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** *Competition Prep and 9/28 Parade-Robot Candy Handout	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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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)
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    ▪ w3schools.com
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- TechSmart: CS Python Learning Management System (LMS)
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