| Name: Robert Lefrandt | Grading Quarter: 1 | Week Beginning: 08/19/2024 |
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| School Year: 2024-25 | Subject: Software & App Design | |

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| Monday | Notes: Minecaft for Education (Python)<br><br>Amazon Future Engineers (AFE) (Python)<br><br>Kahn Academy<br><br>Microsoft Visual Code for Educators Python | **No School** | Academic Standards:<br><br>**Arizona CTE: Software & App Design 11.0202.00 Technical Standards**<br><br>**STANDARD 12.0 DEVELOP A PROGRAM**<br><br>12.1 Use a program editor to enter and modify code<br><br>12.2 Identify correct input/output statements |

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| Tuesday | Notes: Minecaft for Education (Python)<br><br>Amazon Future Engineers (AFE) (Python)<br><br>Kahn Academy<br><br>Microsoft Visual Code for Educators Python | Students will:<br>• continue to define what the Software & App Class is and what are the Arizona State Standards, skills, and possible credentials, certifications.<br>• Understand the front and back end of a web-stack<br>• Recognize various programming **Learning Management Systems** (LMS)<br>• Aware of other programming resources<br><br>Lesson Overview:<br>Online Courses, LMS examples: Learn JavaScript and Python<br><br>• Start with WebStack: front-end: HTML , CSS. JavaScript  using freecodecamp<br>• Create accounts for freecodecamp.org<br>   ◦ HTML<br>   ◦ Cascading Style Sheets (CSS)<br>   ◦ Resources:<br>      ▪ w3schools.com<br>      ▪ Stackoverflow.com<br>• TechSmart: CS Python Learning Management System (LMS)<br>   ◦ Login to online Python Student Accounts<br>   ◦ www.techsmart.codes/<br>   ◦ **Lesson 1.1: Statements and Variables**<br>   ◦ resources: pythontutor | Academic Standards:<br><br>**Arizona CTE: Software & App Design 11.0202.00 Technical Standards**<br><br>**STANDARD 12.0 DEVELOP A PROGRAM**<br><br>12.1 Use a program editor to enter and modify code<br><br>12.2 Identify correct input/output statements |

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