

Name: Robert Lefrandt		Grading Quarter: 2	Week Beginning: 12/16/2024
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>Veteran's Day - Teachers / 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/ ◦ Unit 2.1: If Statements, Decisions, Conditions ◦ Lesson 2.1 Comparison Operators ◦ 2.2 elif and else ◦ 2.3: Built-in Libraries ◦ 2.4: Booleans, Practice Test. Unit Test ◦ 3.1 Loops: While Loops – Review (Worksheet) ◦ MIDTERM ◦ 3.2 Loops: Controlling Loops <p>Raspberry Pi Pico – Thonny(IDE) Python</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>

<p>Tuesday</p>	<p>Notes: Minecraft for Education (Python) Amazon Future Engineers (AFE) (Python) Kahn Academy Microsoft Visual Code for Educators Python resources: pythontutor</p>	<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/ ◦ Unit 2.1: If Statements, Decisions, Conditions ◦ Lesson 2.1 Comparison Operators ◦ 2.2 elif and else ◦ 2.3: Built-in Libraries ◦ 2.4: Booleans, Practice Test. Unit Test ◦ 3.1 Loops: While Loops – Review (Worksheet) ◦ MIDTERM ◦ 3.2 Loops: Controlling Loops • Raspberry Pi Pico – Thonny(IDE) Python • 	<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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