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| Name: Robert Lefrandt | | Grading Quarter: 2 | Week Beginning: 11/25/2024 |
| School Year: 2024-25 | | Subject: Software & App Design | |
| Monday | Notes: Minecraft for Education (Python) | <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 <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> |
| | Amazon Future Engineers (AFE) (Python) Kahn Academy Microsoft Visual Code for Educators Python resources: pythontutor | | |

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| Tuesday | <p>Notes:</p> <p>Minecraft for Education (Python)</p> <p>Amazon Future Engineers (AFE) (Python)</p> <p>Kahn Academy</p> <p>Microsoft Visual Code for Educators Python</p> <p>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:</p> <p>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 • 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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| Wednesday | <p>Notes:</p> <p>Minecraft for Education (Python)</p> <p>Amazon Future Engineers (AFE) (Python)</p> <p>Kahn Academy</p> <p>Microsoft Visual Code for Educators Python</p> <p>resources: pythontutor</p> | <p>Thanksgiving Break - 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 • 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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| Thursday | <p>Notes: Minecraft for Education (Python)</p> <p>Amazon Future Engineers (AFE) (Python)</p> <p>Kahn Academy</p> <p>Microsoft Visual Code for Educators Python</p> <p>resources: pythontutor</p> | <p>Thanksgiving Break - 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 • 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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| Friday | <p>Notes:</p> <p>Minecraft for Education (Python)</p> <p>Amazon Future Engineers (AFE) (Python)</p> <p>Kahn Academy</p> <p>Microsoft Visual Code for Educators Python</p> | <p>Thanksgiving Break - 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 • 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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