Name:		Grading Quarter:	Week Beginn	ing:
Robert Lefrandt		2	10/28/202	4
School Year: 2024-25		Subject: Software & App Design		
Notes: Minecaft for Education (Python)  Amazon Future Engineers (AFE) (Python)  Kahn Academy  Microsoft Visual Code for Educators Python resources: pythontuto r	<ul> <li>continue what are credentia</li> <li>Understa</li> <li>Recognize Systems ( <ul> <li>Aware of</li> </ul> </li> <li>Lesson Overview Online Courses, I</li> <li>Start with freecoded</li> <li>Create action Resources</li> <li>TechSmall</li> <li>Login</li> <li>www.</li> <li>Unit to Less</li> <li>2.2 e</li> <li>2.3: E</li> <li>Id</li> <li>lib</li> <li>Giv</li> </ul>	the Arizona State Stand Is, certifications. Ind the front and back of various programming (LMS) other programming results. Learn Jack Stack: front-end: camp counts for freecodecarding Style Sheets (CSS) arces:  3schools.com ackoverflow.com rt: CS Python Learning to online Python Stude techsmart.codes/ 2.1: If Statements, Don 2.1 Comparison Counts on the Built-in Libraries entify and describe the praries	eware & App Class is and dards, skills, and possible and of a web-stack Learning Management sources  NASCript and Python HTML, CSS. JavaScript using app.org  Management System (LMS) ent Accounts Decisions, Conditions Operators	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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	Notes: Minecaft	Students will:  • continue to define what the Software & App Class is and	Academic Standards:
	for Education (Python) Amazon	<ul> <li>what are the Arizona State Standards, skills, and possible credentials, certifications.</li> <li>Understand the front and back end of a web-stack</li> <li>Recognize various programming Learning Management Systems (LMS)</li> </ul>	Arizona CTE: Software & App Design 11.0202.00 Technical Standards
	Future Engineers (AFE)	Aware of other programming resources	
	(Python)  Kahn	Lesson Overview: Online Courses, LMS examples: Learn JavaScript and Python	STANDARD 12.0 DEVELOP A PROGRAM
Tυ	Academy  Microsoft Visual Code for Educators Python  resources: pythontuto r	<ul> <li>Start with WebStack: front-end: HTML, CSS. JavaScript using freecodecamp</li> <li>Create accounts for freecodecamp.org</li> <li>HTML</li> </ul>	12.1 Use a program editor to enter and modify code  12.2 Identify correct input/output statements
Tuesday		<ul> <li>Cascading Style Sheets (CSS)</li> <li>Resources:</li> </ul>	
		<ul> <li>w3schools.com</li> <li>Stackoverflow.com</li> <li>TechSmart: CS Python Learning Management System (LMS)</li> <li>Login to online Python Student Accounts</li> <li>www.techsmart.codes/</li> </ul>	
		<ul> <li>Unit 2.1: If Statements, Decisions, Conditions</li> <li>Lesson 2.1 Comparison Operators</li> <li>2.2 elif and else</li> </ul>	
		<ul> <li>2.3: Built-in Libraries</li> <li>Identify and describe the random and math libraries</li> <li>Give examples of commands found in the random and math libraries</li> </ul>	

		Notes:	Students will:	Academic
Wednesday		Minecaft for Education (Python) Amazon Future	<ul> <li>continue to define what the Software &amp; App Class is and what are the Arizona State Standards, skills, and possible credentials, certifications.</li> <li>Understand the front and back end of a web-stack</li> <li>Recognize various programming Learning Management Systems (LMS)</li> <li>Aware of other programming resources</li> </ul>	Standards:  Arizona CTE: Software & App Design 11.0202.00 Technical Standards
	Wednesday	Engineers (AFE) (Python)  Kahn Academy  Microsoft Visual Code for Educators Python  resources: pythontuto r	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/  • Unit 2.1: If Statements, Decisions, Conditions  • Lesson 2.1 Comparison Operators  • 2.2 elif and else	STANDARD 12.0 DEVELOP A PROGRAM  12.1 Use a program editor to enter and modify code  12.2 Identify correct input/output statements
			<ul> <li>2.3: Built-in Libraries</li> <li>Identify and describe the random and math libraries</li> <li>Give examples of commands found in the random and math libraries</li> </ul>	

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	Notes:	Students will:	Academic
	Minecaft	continue to define what the Software & App Class is and	Standards:
	for	what are the Arizona State Standards, skills, and possible	Arizona CTE:
	Education	credentials, certifications.	Software & App
	(Python)	Understand the front and back end of a web-stack	Design
	Amazon	Recognize various programming Learning Management     Surtous (LMS)	11.0202.00
	Future	<ul><li>Systems (LMS)</li><li>Aware of other programming resources</li></ul>	Technical
	Engineers	Aware of other programming resources	Standards
	(AFE)		
	(Python)	Lesson Overview:	STANDARD 12.0
	, , ,	Online Courses, LMS examples: Learn JavaScript and Python	DEVELOP A
	Kahn		PROGRAM
	Academy  Microsoft Visual Code for Educators Python	<ul> <li>Start with WebStack: front-end: HTML, CSS. JavaScript using</li> </ul>	13.1.1.00.0
		freecodecamp	12.1 Use a
		Create accounts for freecodecamp.org	program editor to enter and modify code
Th		∘ HTML	
urs		° Cascading Style Sheets (CSS)	,
Thursday		<ul> <li>Resources:</li> </ul>	12.2 Identify
		<ul> <li>w3schools.com</li> </ul>	correct
	resources:	<ul> <li>Stackoverflow.com</li> </ul>	input/output statements
	pythontuto r	TechSmart: CS Python Learning Management System (LMS)	statements
	'	<ul> <li>Login to online Python Student Accounts</li> </ul>	
		<u>www.techsmart.codes/</u>	
		<ul> <li>Unit 2.1: If Statements, Decisions, Conditions</li> </ul>	
		<ul> <li>Lesson 2.1 Comparison Operators</li> </ul>	
		2.2 elif and else	
		∘ <b>2.3</b> : Built-in Libraries	
		<ul> <li>Identify and describe the random and math libraries</li> </ul>	
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	Minecaft	continue to define what the Software & App Class is and	Standards:
	for	what are the Arizona State Standards, skills, and possible	
	Education	credentials, certifications.	Arizona CTE:
	(Python)	<ul> <li>Understand the front and back end of a web-stack</li> </ul>	Software & App
		Recognize various programming Learning Management	Design 11.0202.00
	Amazon	Systems (LMS)	Technical
	Future Engineers	Aware of other programming resources	Standards
	(AFE)		
	(Python)	Lesson Overview:	STANDARD 12.0
		Online Courses, LMS examples: Learn JavaScript and Python	DEVELOP A PROGRAM
	Kahn		
	Academy	<ul> <li>Start with WebStack: front-end: HTML, CSS. JavaScript using</li> </ul>	12.1.1100.0
		freecodecamp	12.1 Use a program editor to enter and
	Microsoft Visual Code	Create accounts for freecodecamp.org	
_	for	∘ HTML	modify code
Friday	Educators	<ul> <li>Cascading Style Sheets (CSS)</li> </ul>	,
γE	Python	° Resources:	12.2 Identify
		<ul> <li>w3schools.com</li> </ul>	correct
		<ul> <li>Stackoverflow.com</li> </ul>	input/output statements
		TechSmart: CS Python Learning Management System (LMS)	Statements
		<ul> <li>Login to online Python Student Accounts</li> </ul>	
		<ul><li>www.techsmart.codes/</li></ul>	
		<ul> <li>Unit 2.1: If Statements, Decisions, Conditions</li> </ul>	
		<ul> <li>Lesson 2.1 Comparison Operators</li> </ul>	
		• 2.2 elif and else	
		• 2.3: Built-in Libraries	
		<ul> <li>Identify and describe the random and math</li> </ul>	
		libraries	
		<ul> <li>Give examples of commands found in the</li> </ul>	
		random and math libraries	
	I		