Name: Robert Lefrandt		Grading Quarter: 3		Week Beginning: 02/03/2025	
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	what are credentia Understa Recognize Systems Aware of Lesson Overview Online Courses, I Start with freecoded Create ac HTML Casca Resou W St TechSmar Login Www. 3.2 L 3.3 C 3.4 C 3.5-A 3.4-3	the Arizona State Stand Is, certifications. Ind the front and back et various programming (LMS) other programming rest. MS examples: Learn Jan WebStack: front-end: camp (counts for freecodecand ding Style Sheets (CSS) (CS	Learning Management Sources VaScript and Python HTML, CSS. JavaScript using mp.org Management System (LMS) mt Accounts ps (break/exit, conti/skip) withod, attributes	Academic Standards: Arizona CTE: Software & App Design 11.0202.00 Technical Standards Domain 1 Coding/ Programming STANDARD 17.0 EMPLOY OBJECT- ORIENTED PROGRAMMING TECHNIQUES Domain 2 Software/ Application Development STANDARD 12.0 DEVELOP A PROGRAM	

Tuesday	Notes: Minecaft for Education (Python) Amazon Future Engineers (AFE)	 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 	Academic Standards: Arizona CTE: Software & App Design 11.0202.00 Technical Standards
	(Python) Kahn Academy Microsoft Visual Code for Educators	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/ 3.2 Loops: Controlling Loops (break/exit, conti/skip) 3.3 Classes: instance, method, attributes 3.4 Graphics 3.5 Animation 3.4-3.5 Worksheets Raspberry Pi Pico – Thonny(IDE) Python	Domain 1 Coding/ Programming STANDARD 17.0 EMPLOY OBJECT- ORIENTED PROGRAMMING TECHNIQUES
	Python resources: pythontuto r		Domain 2 Software/ Application Development STANDARD 12.0 DEVELOP A PROGRAM

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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
	A	Recognize various programming Learning Management	11.0202.00
	Amazon Future	Systems (LMS)	Technical
	Engineers	Aware of other programming resources	Standards
	(AFE)		
	(Python)	Lancar Overview	Domain 1
	(i yeiloli)	Lesson Overview: Online Courses, LMS examples: Learn JavaScript and Python	Coding/
	Kahn	Offilite Courses, Livis examples. Learn Javascript and Fython	Programming
	Academy	 Start with WebStack: front-end: HTML, CSS. JavaScript using 	STANDARD 17.0
	,	freecodecamp	EMPLOY
8	Microsoft	Create accounts for freecodecamp.org	OBJECT-
edr	Visual Code	• HTML	ORIENTED
Wednesday	for		PROGRAMMING
da	Educators	 Cascading Style Sheets (CSS) 	TECHNIQUES
<	Python	° Resources:	
	rocouroca	 w3schools.com 	Domain 2
	resources: pythontuto	Stackoverflow.com	Software/
	r	TechSmart: CS Python Learning Management System (LMS)	Application
	'	 Login to online Python Student Accounts 	Development
		www.techsmart.codes/	•
		 3.2 Loops: Controlling Loops (break/exit, conti/skip) 	
		• 3.3 Classes: instance, method, attributes	STANDARD 12.0
			DEVELOP A
			PROGRAM
		3.4 Graphics	
		• 3.5 Animation	
		• 3.4-3.5 Worksheets	
		Raspberry Pi Pico – Thonny(IDE) Python	

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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)	 Understand the front and back end of a web-stack 	Software & App
		 Recognize various programming Learning Management 	Design
	Amazon	Systems (LMS)	11.0202.00
	Future	 Aware of other programming resources 	Technical
	Engineers		Standards
	(AFE)		Damain 1
	(Python)	Lesson Overview:	Domain 1 Coding/
		Online Courses, LMS examples: Learn JavaScript and Python	=
	Kahn		Programming STANDARD 17.0
	Academy	 Start with WebStack: front-end: HTML, CSS. JavaScript using 	EMPLOY
		freecodecamp	OBJECT-
	Microsoft	Create accounts for freecodecamp.org	ORIENTED PROGRAMMING
Th	Visual Code	∘ HTML	
Thursday	for Educators	 Cascading Style Sheets (CSS) 	TECHNIQUES
da	Python	Resources:	
~	Python		
	resources:	 w3schools.com 	Domain 2
	pythontuto	Stackoverflow.com	Software/
	r	 TechSmart: CS Python Learning Management System (LMS) 	Application
		 Login to online Python Student Accounts 	Development
		www.techsmart.codes/	
		3.2 Loops: Controlling Loops (break/exit, conti/skip)	
		 3.3 Classes: instance, method, attributes 	STANDARD 12.0
		Raspberry Pi Pico – Thonny(IDE) Python	DEVELOP A
		3.3 Classes Worksheet	PROGRAM
		∘ 3.4 Graphics	
		∘ 3.5 Animation	
		3.4-3.5 Worksheets	
		Raspberry Pi Pico – Thonny(IDE) Python	

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	Notes:	Students will:	Academic
	Minecaft	 continue to define what the Software & App Class is and 	Academic
	for	what are the Arizona State Standards, skills, and possible	Standards:
	Education	credentials, certifications.	Arizona CTF.
	(Python)	Understand the front and back end of a web-stack	Arizona CTE:
		Recognize various programming Learning Management	Software & App
	Amazon	Systems (LMS)	Design 11.0202.00
	Future	 Aware of other programming resources 	Technical
	Engineers		Standards
	(AFE)		Standards
	(Python)	Lesson Overview:	Domain 1
	IZ-l-	Online Courses, LMS examples: Learn JavaScript and Python	Coding/
	Kahn		Programming
	Academy	Start with WebStack: front-end: HTML , CSS. JavaScript using	STANDARD 17.0
	Microsoft Visual Code for	freecodecamp	EMPLOY
		Create accounts for freecodecamp.org	OBJECT-
Fri		∘ HTML	ORIENTED
Friday	Educators	 Cascading Style Sheets (CSS) 	PROGRAMMING
	Python	° Resources:	TECHNIQUES
		 w3schools.com 	
		 Stackoverflow.com 	Domain 2
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		 3.2 Loops: Controlling Loops (break/exit, conti/skip) 	
		 3.3 Classes: instance, method, attributes 	STANDARD 12.0
		 3.3 Classes Worksheet 	DEVELOP A
		∘ 3.4 Graphics	PROGRAM
		 3.5 Animation 	
		3.4-3.5 Worksheets	
		 Raspberry Pi Pico – Thonny(IDE) Python 	