Name: Robert Lefrandt		Grading Quarter:	Week Beginn	-	
School Year: 2024-25		404/13/2025Subject: Software & App Design			
	Notes: Minecaft for Education (Python) Amazon Future Engineers (AFE) (Python)	what are credentia • Understa • Recognize Systems (the Arizona State Stand ls, certifications. nd the front and back e e various programming (LMS) other programming res	Learning Management	Academic Standards: Arizona CTE: Software & App Design 11.0202.00 Technical Standards Domain 1
~	Kahn Academy Microsoft Visual Code for Educators Python resources:	 Start with freecoded Create ac HTML Embe Resout 	camp counts for freecodecan , Cascading Style Sheet dded Math (College Alg	HTML , CSS. JavaScript using np.org s (CSS), JavaScript,	Coding/ Programming STANDARD 17.0 EMPLOY OBJECT- ORIENTED PROGRAMMING TECHNIQUES
Monday	r pythontuto r	 St TechSmar Login 	ackoverflow.com rt: CS Python Learning M to online Python Stude <u>techsmart.codes/</u>	Management System (LMS) nt Accounts	Domain 2 Software/ Application Development
		 <u>4.2 Li</u> <u>4.3 A</u> 4.4 S String Unit 4 Begir Raspber Met/v VEX Robot VEX IC 	0	DE) Python & Charles-Robotics	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
	Amazon	Recognize various programming Learning Management	11.0202.00
	Amazon Future	Systems (LMS)	Technical
	Engineers	 Aware of other programming resources 	Standards
	(AFE)		
	(Python)	Lesson Overview:	Domain 1
			Coding/
		Online Courses, LMS examples: Learn JavaScript and Python	Programming
	Academy	• Start with WebStack: front-end: HTML , CSS. JavaScript using	STANDARD 17.0
	,	freecodecamp	EMPLOY
	Microsoft	 Create accounts for freecodecamp.org 	OBJECT-
	Visual Code for		ORIENTED
		 HTML, Cascading Style Sheets (CSS), JavaScript, Embedded Math (College Algebra) 	PROGRAMMING
	Educators		TECHNIQUES
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da	resources:	 Stackoverflow.com 	Domain 2 Software/
<	pythontuto r	 TechSmart: CS Python Learning Management System (LMS) 	Application
		 Login to online Python Student Accounts 	Development
		 www.techsmart.codes/ 	Development
		∘ 4 lists	
		 4.1 Lists and For-Each Loops 	STANDARD 12.0
		• 4.2 List Operations	DEVELOP A
			PROGRAM
		 4.3 Advanced List Operations 4.4 Strings on Collections 	
		 4.4 Strings as Collections 	
		 String Operations 	
		• Unit 4 Test	
		 Begin Unit 4 -Lists 	
		Raspberry Pi Pico – Thonny(IDE) Python	
		 Met/w Fish & Game- Ari && Charles-Robotics 	
		VEX Robotics- –vr.vex.com	
		 VEX V5-High Stakes 	
		 VEX IQ-Rapid Relay- Block/Python 	
		 Leading Arizona – BRHS Top 1-6 scores, BRES #6 	
		AI/VEX AI	

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	(Python) Kahn Academy		Domain 1
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	Visual Code		ORIENTED
	for	 HTML, Cascading Style Sheets (CSS), JavaScript, Embedded Math (College Algebra) 	PROGRAMMING
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esc	resources:	 Stackoverflow.com 	Domain 2
lay	pythontuto r	 TechSmart: CS Python Learning Management System (LMS) 	Software/
		 Login to online Python Student Accounts 	Application Development
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