Name: Robert Lefrandt School Year: 2024-25		Grading Quarter: 3	Week Beginn 02/17/202	-	
		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>what are credentia</li> <li>Understate</li> <li>Recognize Systems (</li> <li>Aware of Aware o</li></ul>	to define what the Soft the Arizona State Stand Is, certifications. Ind the front and back e e various programming LMS) other programming res : 	Learning Management sources vaScript and Python HTML , CSS. JavaScript using np.org Management System (LMS) nt Accounts ps (break/exit, conti/skip) thod, attributes DE) Python les-Robotics vr.vex.com -Block/Python	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	

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	Notes:	Students will:	Academic
	Minecaft	<ul> <li>continue to define what the Software &amp; App Class is and</li> </ul>	Standards:
	for	what are the Arizona State Standards, skills, and possible	Arizona CTE:
	Education	credentials, certifications.	Software & App
	(Python)	<ul> <li>Understand the front and back end of a web-stack</li> </ul>	Design
	<b>A</b>	Recognize various programming Learning Management	11.0202.00
	Amazon	Systems (LMS)	Technical
	Future Engineers	<ul> <li>Aware of other programming resources</li> </ul>	Standards
	(AFE)		
	(Python)		Domain 1
	(i ython)	Lesson Overview: Online Courses, LMS examples: Learn JavaScript and Python	Coding/
	Kahn	Onime Courses, Livis examples. Learn Javascript and Fython	Programming
	Academy	<ul> <li>Start with WebStack: front-end: HTML , CSS. JavaScript using</li> </ul>	STANDARD 17.0
	reduciny	freecodecamp	EMPLOY
	Microsoft	<ul> <li>Create accounts for freecodecamp.org</li> </ul>	OBJECT-
	Visual Code		ORIENTED
	for	• HTML	PROGRAMMING
	Educators	<ul> <li>Cascading Style Sheets (CSS)</li> </ul>	TECHNIQUES
	Python	<ul> <li>Resources:</li> </ul>	
Tuesday		<ul> <li>w3schools.com</li> </ul>	Demain 2
	resources:	<ul> <li>Stackoverflow.com</li> </ul>	Domain 2 Software/
da	pythontuto r	• TechSmart: CS Python Learning Management System (LMS)	Application
<	r	<ul> <li>Login to online Python Student Accounts</li> </ul>	Development
		<ul> <li>www.techsmart.codes/</li> </ul>	Development
		0	STANDARD 12.0
		<ul> <li>3.2 Loops: Controlling Loops (break/exit, conti/skip)</li> </ul>	DEVELOP A
		<ul> <li>3.3 Classes: instance, method, attributes</li> </ul>	PROGRAM
		<ul> <li>3.3 Classes Worksheet</li> </ul>	
		<ul> <li>3.4 Graphics</li> </ul>	
		<ul> <li>3.5-Animation</li> </ul>	
		<ul> <li>3.4-3.5 Worksheets</li> </ul>	
		<ul> <li>3.6-Interaction</li> </ul>	
		<ul> <li>3.7-Collision</li> </ul>	
		<ul> <li>Worksheets 3.6-3.7</li> </ul>	
		<ul> <li>Unit 3 Tests</li> </ul>	
		<ul> <li>Begin Unit 4 -Lists</li> </ul>	
		Raspberry Pi Pico – Thonny(IDE) Python	
		<ul> <li>Fish &amp; Game- Ari &amp; Charles-Robotics</li> </ul>	
		• VEX Robotics- High Stakes – VEX V5 vr.vex.com -Block/Python	
		<ul> <li>Leading Arizona – BRHS Top 1-6 scores</li> </ul>	

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	(Python)	<ul> <li>Understand the front and back end of a web-stack</li> </ul>	Software & App Design
	<b>A</b>	Recognize various programming Learning Management	11.0202.00
	Amazon Future	Systems (LMS)	Technical
	Engineers	<ul> <li>Aware of other programming resources</li> </ul>	Standards
	(AFE)		
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	Visual Code		ORIENTED
	for	◦ HTML	PROGRAMMING
	Educators	<ul> <li>Cascading Style Sheets (CSS)</li> </ul>	TECHNIQUES
5	Python	<ul> <li>Resources:</li> </ul>	
Wednesday		<ul> <li>w3schools.com</li> </ul>	Demois 2
lne	resources:	<ul> <li>Stackoverflow.com</li> </ul>	Domain 2
sda	pythontuto	<ul> <li>TechSmart: CS Python Learning Management System (LMS)</li> </ul>	Software/ Application
γe	r	<ul> <li>Login to online Python Student Accounts</li> </ul>	Development
			Bevelopment
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	Amazon	Systems (LMS)	
	Future	<ul> <li>Aware of other programming resources</li> </ul>	Technical Standards
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Ξ	Fython		
Thursday	resources:	<ul> <li>w3schools.com</li> </ul>	Domain 2
	pythontuto	<ul> <li>Stackoverflow.com</li> </ul>	Software/
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		2.2. Leaner Controlling Leane (break/avit conti/akin)	STANDARD 12.0
		<ul> <li>3.2 Loops: Controlling Loops (break/exit, conti/skip)</li> </ul>	DEVELOP A
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