Name:		Grading Quarter:	_	Week Beginning:	
Robert Lefrandt		4	03/17/202	.5	
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	Monday: No Scho Students will: • continue what are credentia • Understa • Recognize Systems • Aware of Lesson Overview Online Courses, I • Start with freecoded • Create ac • HTML • Casca • Resou • WW • St • TechSman • Login • WWW • St • TechSman • Login • WWW • St • TechSman • Login • WWW • St • String • Unit 4 • Begir • Raspber • Met/W	to define what the Soft the Arizona State Stand ls, certifications. Ind the front and back e e various programming (LMS) other programming res :: .MS examples: Learn Ja n WebStack: front-end: camp counts for freecodecan ding Style Sheets (CSS) arces: 3schools.com ackoverflow.com rt: CS Python Learning N to online Python Stude techsmart.codes/ sists and For-Each Loc ist Operations dvanced List Operations dvanced List Operations dvanced List Operations g Operations 4 Test n Unit 4 -Lists ry Pi Pico – Thonny(I v Fish & Game- Ari & cics- High Stakes – VEX V5 Arizona – BRHS Top	ware & App Class is and lards, skills, and possible ind of a web-stack Learning Management sources vaScript and Python HTML , CSS. JavaScript using hp.org Management System (LMS) int Accounts ops ons DE) Python & Charles-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	 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)		_
	(Python)	Lesson Overview:	Domain 1
		Online Courses, LMS examples: Learn JavaScript and Python	Coding/ Programming STANDARD 17.0 EMPLOY
	Kahn		
	Academy	• Start with WebStack: front-end: HTML , CSS. JavaScript using	
		freecodecamp	
	Microsoft Visual Code	 Create accounts for freecodecamp.org 	OBJECT-
		• HTML	ORIENTED
	for		PROGRAMMING
Ę	Educators		TECHNIQUES
Tuesday	Python	• Resources:	
da)		 w3schools.com 	Domain 2
	resources:	 Stackoverflow.com 	Software/
	pythontuto	• TechSmart: CS Python Learning Management System (LMS)	Application
	r	 Login to online Python Student Accounts 	Development
		 www.techsmart.codes/ 	2010iopiioit
		• 4 lists	STANDARD 12.0
		 4.1 Lists and For-Each Loops 	DEVELOP A
		 4.2 List Operations 	PROGRAM
		 4.3 Advanced List Operations 	
		 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- High Stakes – VEX V5 vr.vex.com -Block/Python 	
		 Leading Arizona – BRHS Top 1-6 scores 	
		AI/VEX AI	

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	Education	credentials, certifications.	Software & App
	(Python)	 Understand the front and back end of a web-stack 	Design
	A 100 0 7 0 10	Recognize various programming Learning Management	11.0202.00
	Amazon Future	Systems (LMS)	Technical
	Engineers	 Aware of other programming resources 	Standards
	(AFE)		
	(Python)		Domain 1
	Kahn	Lesson Overview:	Coding/
		Online Courses, LMS examples: Learn JavaScript and Python	Programming STANDARD 17.0
	Academy	• Start with WebStack: front-end: HTML , CSS. JavaScript using	
	,	freecodecamp	EMPLOY
	Microsoft	 Create accounts for freecodecamp.org 	OBJECT-
	Visual Code		ORIENTED PROGRAMMING
<	for Educators Python	• HTML	
Ne		 Cascading Style Sheets (CSS) 	TECHNIQUES
dne		 Resources: 	
Wednesday		 w3schools.com 	Domain 2
	resources: pythontuto	 Stackoverflow.com 	Software/
		• TechSmart: CS Python Learning Management System (LMS)	Application
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		 www.techsmart.codes/ 	
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		Recognize various programming Learning Management	11.0202.00
	Amazon	Systems (LMS)	Technical
	Future	 Aware of other programming resources 	Standards
	Engineers (AFE)		Standards
	(Python)		Domain 1
	(Fython)	Lesson Overview:	Coding/
	Kahn	Online Courses, LMS examples: Learn JavaScript and Python	Programming
	Academy	• Start with WebStack: front-end: HTML , CSS. JavaScript using	STANDARD 17.0
	Academy	freecodecamp	EMPLOY
	Microsoft Visual Code for Educators Python	 Create accounts for freecodecamp.org 	OBJECT-
			ORIENTED PROGRAMMING
		• HTML	
H		 Cascading Style Sheets (CSS) 	TECHNIQUES
urs		• Resources:	
Thursday		 w3schools.com 	Domain 2
Ν	resources:	 Stackoverflow.com 	Software/
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	Future	Systems (LMS)	11.0202.00
	Engineers	 Aware of other programming resources 	Technical
	(AFE)		Standards
	(Python)	Lesson Overview:	
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Online Courses, LMS examples: Learn JavaScript and Python	Domain 1
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	Academy	• Start with WebStack: front-end: HTML , CSS. JavaScript using	Programming STANDARD 17.0 EMPLOY
		freecodecamp	
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	Visual Code	● HTML	OBJECT-
	for	 Cascading Style Sheets (CSS) 	ORIENTED PROGRAMMING
Friday	Educators		TECHNIQUES
	Python	Resources.	
		 w3schools.com 	
		 Stackoverflow.com 	Domain 2
		 TechSmart: CS Python Learning Management System (LMS) 	Software/
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