Name:	Grading Quarter:	Week Beginning:
Robert Lefrandt	1	08/28/2023
School Year: 2023-24 Subject: Software & App Design		& App Design

Web Stack and Certifications***

	Notes:	08/29/2023 - Tuesday - 45h Week	Academic Standards:
	Unit 1: Linear Programs Lesson: 1.3 Values Days: 1/4	Objective: STANDARD 1.0 APPLY PROBLEM-SOLVING AND CRITICAL THINKING SKILLS 1.1 Establish objectives and outcomes for a task 1.2 Explain the process of decomposing a large programming problem into smaller, more manageable procedures 1.3 Explain "visualizing" as a problem-solving technique prior to writing code 1.4 Describe problem-solving and troubleshooting strategies applicable to software development 4.1 Declare numeric, Boolean, character, string variables, and float and double 4.2 Choose the appropriate data type for a given situation 4.3 Identify the correct syntax and usage for constants and variables in a program 4.4 Identify the correct syntax and safe functions for operations on strings, including length, substring, and concatenation	https://www.azed.gov/sites/default/files/2020/0 STANDARD 1.0 APPLY PROBLEM-SOLVING AND C STANDARD 4.0 UTILIZE PRIMITIVE DATA TYPES A STANDARD 12.0 DEVELOP A PROGRAM STANDARD 13.0 TEST AND DEBUG TO VERIFY PR STANDARD 14.0 UTILIZE AND CREATE COMMUN https://www.azed.gov/cte/profskills/
Tuesday		12.1 Use a program editor to enter and modify code 12.2 Identify correct input/output statements 12.3 Choose the correct method of assigning input 12.10 Demonstrate the use of parameters to pass data into program modules 13.1 Identify errors in program modules 14.1 Use standard library functions 14.2 Find and use third party libraries (e.g., web-based and package managers) 14.3 Explain and interact with an Application Program Interface (API) https://www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf Lesson Overview: Students will login to their Smart Tech Coders CS 201 Python accounts. Students will work though the Learning Management System (LMS) curriculum to learn Python. Unit 1: Linear Programs Lesson: 1.3 Values Days: 1/4 Activities Warm-Up: Turn Ball Integers and Floats Horseshoe Order Math Practice Warm-Up: Data Check Typecasting Fishtank Runner Reducing Waste Warm-Up: How Much Screentime Warm-Up: Tip Calculator	

Activity Library Song Shifter

Saving Goals

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Unit 1: Linear Programs Programs Programs 1.3 Explain "visualizing" as a problem-solving technique prior to writing code 1.4 Describe problem-solving and troubleshooting strategies applicable to software development Lesson: 1.3 Values Values Days: 2/4 1.2 Liuse a program editor to enter and modify code 1.2.2 Identify correct input/output statements 1.2.3 Choose the correct method of assigning input 1.2.10 Demonstrate the use of parameters to pass data into program modules 1.3.1 Identify errors in program modules Lesson 1.3.2 Find and use third party libraries (e.g., web-based and package managers) 1.4.1 Uses tandard library functions 1.4.2 Find and use third party libraries (e.g., web-based and package managers) 1.4.3 Explain and interact with an Application Program Interface (API) https://www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf Lesson Overview:	Unit 1: Linear Programs Lesson: 1.3 Values Days: 2/4 Day: 2/4 Da
Unit 1: Linear Programs Lesson: 1.3 Values Days: 2/4 Unit 1: Linear Program dentify the correct syntax and safe functions for operations on strings, including length, substring, and concatenation 1.2 Identify correct input/output statements 1.2.1 Obsen the correct method of assigning input 1.2.1.0 Demonstrate the use of parameters to pass data into program modules 1.3 Explain and interact with an Application Program Interface (API) https://www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf lesson Overview: https://www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf https://www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf https://www.azed.gov/sites/default/files/2020/09/SoftwareandAppDesignTSs11020200.pdf lesson Attach Stablish objectives and outcomes for a task stablish objectives and package managers) stanDARD 1.0 APPLY PROBLEM-SOLVING. STANDARD 1.0 OPPLY PROBLEM-SOLVING. STANDARD 1.0 APPLY PROBLEM-SOLVI	STANDARD 1.0 APPLY PROBLEM-SOLVING AND CRITICAL THINKING SKILLS 1.1 Establish objectives and outcomes for a task 1.1 Establish objectives and outcomes for a task 1.2 Establish the process of decomposing a large programming problem into smaller, more manageable procedures 1.3 Establish "visualizing" as a problem solving technique prior to writing code 1.4 Describe problem-solving and troubleshooting strategies applicable to software development 1.3 Libediare numeric, Boolean, character, string variables, and float and double 4.2 Choose the appropriate data type for a given situation 4.3 Identify the correct syntax and usage for constants and variables in a program 4.4 Identify the correct syntax and safe functions for operations on strings, 12.2 Hondry correct input/output statements 12.2 Choose the correct method of assigning input 12.1 Deep and some the correct method of assigning input 12.1 Deep and interact with a Application Program interface (API) https://www.azed.gov/ste/profskills/ Lesson Overview: Students will login to their Smart Tech Coders CS 201 Python accounts. Students will login to their Smart Tech Coders CS 201 Python accounts. Students will work though the Learning Management System (LMS) curriculum to learn Python. Unit 1: Linear Programs Lesson: 1.3 Values Days: 2.7 A Activities Warm-Up: Turn Ball Integers and Floats Horseshoe Order Math Practicie Warm-Up: How Much Screentime
accounts. Students will work though the Learning Management System (LMS) curriculum to learn Python. Unit 1: Linear Programs Lesson: 1.3 Values Days: 2/4 Activities Warm-Up: Turn Ball Integers and Floats Horseshoe Order Math Practice Warm-Up: Data Check Typecasting Fishtank Runner Reducing Waste	

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	Notes:	08/31/2023 - Thursday - 5th Week	Academic Standards:
	Unit 1:	Objective: STANDARD 1.0 APPLY PROBLEM-SOLVING AND CRITICAL THINKING SKILLS 1.1 Establish objectives and outcomes for a task 1.2 Explain the process of decomposing a large programming problem into smaller, more manageable procedures	https://www.azed.gov/sites/default/files/2020/0 STANDARD 1.0 APPLY PROBLEM-SOLVING AND C STANDARD 4.0 UTILIZE PRIMITIVE DATA TYPES A
Thursday	Unit 1: Linear Programs Lesson: 1.3 Values Days: 3/4	1.2 Explain the process of decomposing a large programming problem into	STANDARD 1.0 APPLY PROBLEM-SOLVING AND C STANDARD 4.0 UTILIZE PRIMITIVE DATA TYPES A STANDARD 12.0 DEVELOP A PROGRAM STANDARD 13.0 TEST AND DEBUG TO VERIFY PR STANDARD 14.0 UTILIZE AND CREATE COMMUN 14.1 Use standard library functions 14.2 Find and use third party libraries (e.g., web- 14.3 Explain and interact with an Application Pro https://www.azed.gov/cte/profskills/
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	Notes.	05/01/2023 Triday 3th Week	
		Objective:	STAN
		STANDARD 1.0 APPLY PROBLEM-SOLVING AND CRITICAL THINKING SKILLS 1.1 Establish objectives and outcomes for a task	STAN
	Unit 1: Linear	1.2 Explain the process of decomposing a large programming problem into smaller, more manageable procedures 1.3 Explain "visualizing" as a problem-solving technique prior to writing code	STAN
	Programs	1.4 Describe problem-solving and troubleshooting strategies applicable to software development	STAN
Friday		1.3 Explain "visualizing" as a problem-solving technique prior to writing code 1.4 Describe problem-solving and troubleshooting strategies applicable to	STAN STAN 14.1 14.2 14.3 https
		Activity Library Song Shifter	
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09/01/2023 - Friday - 5th Week

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Song Shifter Saving Goals

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STANDARD 1.0 APPLY PROBLEM-SOLVING AND (

STANDARD 4.0 UTILIZE PRIMITIVE DATA TYPES A

STANDARD 12.0 DEVELOP A PROGRAM

STANDARD 13.0 TEST AND DEBUG TO VERIFY PR

STANDARD 14.0 UTILIZE AND CREATE COMMUN

14.1 Use standard library functions

14.2 Find and use third party libraries (e.g., web-

14.3 Explain and interact with an Application Pro

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