

U3Ch1L6_Debugging _ Gradesheet

Students will Debug programs to get familiar with a number of programming commands.

Activity	Task	Partner's Initial
Level 1: Strings & Quotes (1)	Run the program. View the Workspace and Read the Debug Console. What is the Problem (Write it below.)? <ul style="list-style-type: none"> • Make the repairs. 	
Level 2: Strings & Quotes (2)	Run the program. Read the Debug Console. What is the Problem (Write it below.)? <ul style="list-style-type: none"> • Make the repairs. 	
Level 3: Screen Constraints.	Run the program. Notice how the Smiley Faces jump off the screen when touched. <ul style="list-style-type: none"> • Rewrite the x/y Constraints in the program so that the Smiley Face does not go off the screen. 	
Level 4: 'onEvent' shall not go inside another 'onEvent.'	Run this program, hit the up button, play the music, then stop the music, and hide the controls. Without resetting the program, repeat the process to play the music again...and once again, without resetting the program, repeat the process to play the music again. Listen to the music. The speed has not been increased, so what do you hear? Hint: Look at how each 'onEvent' starts and ends in a command and then look at how each 'onEvent' is lined up. What is the problem? (Write it below.)? <ul style="list-style-type: none"> • Make the repairs. 	
Level 5: Debug	This year, the Run button for the screen for Level 5 does not work. That being said, imagine if you click on the Blue Button and the Red Button gets bigger. When you click on the Red Button, the Blue Button gets bigger. Now look at the code... What is the problem? (Write it below.)? <ul style="list-style-type: none"> • Make the repairs. 	
Level 6: Practice Debugging	Run the following 3 programs and Fix: 1. Farm sounds -Debug this program so that the correct sound and text appear when the user clicks each animal. 2. Club Fair App - Add code to the program so that the "Go Back" button takes the user back to the home screen. 3. Mood Minder App - Run this program to see how it works. Then add code to the app to make all the buttons work.	