

## **Activity One**

### Today's Module

http://studio.code.org/s/course2/stage/3/puzzle/1

Stage 3: Maze: Sequence 1 2 3 4 5 6 7 8 9 10 11
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- Learn what coding and algorithms are, and practice making your own.
- You are also learning about "decomposing" breaking a hard problem down into simpler parts.

#### **Vocabulary Words**

- **Algorithm:** A list of steps to finish a task. A set of instructions that can be performed with or without a computer. For example, the collection of steps to make a peanut butter and jelly sandwich is an algorithm.\*
- **Decompose:** Break a problem down into smaller pieces.\*

eally Liked	(write or dra	aw about somet	ching you enjoyed	I today)	

\*Vocabulary word definitions were taken directly from the glossary at code.org:  $\underline{\text{https://code.org/curriculum/docs/k-5/glossary}}$ 

# **Activity Two**

### Today's Module

http://studio.code.org/s/course2/stage/6/puzzle/1



- Learn about loops how to make a computer repeat an instruction without having to use the same words (or code) over and over again.
- You are also working on the skill of "pattern matching" finding things that are the same.

#### Vocabulary Word

- Loop: the action of doing something over and over again.\*
- Pattern Matching: Finding similarities between things.\*

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## **Activity Three**

### Today's Module

http://studio.code.org/s/course2/stage/10/puzzle/1



- Learn how to spot mistakes in a program and fix your code.
- This also lets you practice problem solving and persistence (working on a problem until you get it right).

#### **Vocabulary Words**

- Bug: An error in a program that prevents the program from running as expected.\*
- **Debugging:** finding and fixing problems in your algorithm or program.\*

Really Like	ed (write or	draw about so	mething you enj	oyed today)	

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# **Activity Four**

### Today's Module

http://studio.code.org/s/course2/stage/13/puzzle/1



- Today you will learn about conditionals; if this happens, then something else happens.
- You will also keep practicing with loops and debugging.

### **Vocabulary Words**

• Conditionals: Statements that only run under certain conditions or situations.\*

Today I Learned... (write or draw about something you learned today)

Really Liked... (write or draw about something you enjoyed today)

\*Vocabulary word definitions were taken directly from the glossary at code.org: <a href="https://code.org/curriculum/docs/k-5/glossary">https://code.org/curriculum/docs/k-5/glossary</a>

## **Activity Five**

### Today's Module

http://studio.code.org/s/course2/stage/16/puzzle/1

16: Flappy 1 2 3 4 5 6 7 8 9 10
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- Learn about events in computer science terms, an action that causes something to happen (like clicking the mouse to move a character).
- You also get to make your own version of the Flappy game, that you can share with friends or family!

### **Vocabulary Words**

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\*Vocabulary word definitions were taken directly from the glossary at code.org:  $\frac{https://code.org/curriculum/docs/k-5/glossary}{lineary}$ 

# **Activity Six**

### Today's Module

http://studio.code.org/s/playlab/stage/1/puzzle/1

he link for y	our game is:	(write it out ca	refully)		
oday I Learn	ed (write or dra	aw about somet	hing you learned	today)	
11 121 - 1	6 miles and describe	out comothing	ou enjoyed toda	ny)	

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