

Secret Code Challenge Activity Guide





Secret Code Challenge

Club Leader Notes

Enter the secret code to rescue your Dash robot.



v. wonder

Objectives

Kids will:

- Learn how to use Dash's buttons to create an "enter the code" game.
- Learn about sequencing.

Materials & Prep

Required

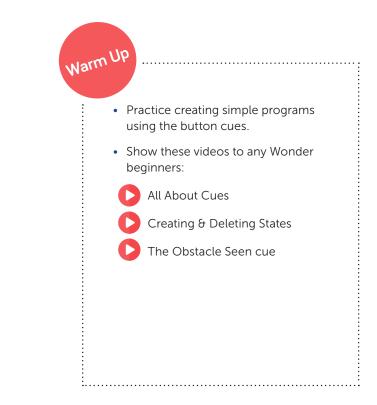


Time Required

30 minutes

Concepts Covered

- Sequences
- Conditional Statements
- Cues and Behaviors
 - Button 1 Pressed
 - Button 2 Pressed
 - Button 3 Pressed
 - Custom Sound
- 💿 Sound: FX
- Do Nothing
- Moving Basics
- 列 Sound: Happy

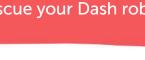


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Enter the secret code to rescue your Dash robot.





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Enter the first code (1 button) to disarm the alarm on the robot. If you push the wrong button, Dash's alarm should go off! If you push the right button, you hear the alarm being disabled!

Download the starter program using this key: ju9a



- Notice that if you press Button 1, Dash makes the Boing! sound, and if you press Button 2, Dash makes the Siren sound!
- Add more to the program so that when you press Button 3, Dash makes the same **Siren** sound.
- Example solution: gmaj

evel

Enter the second code (2 buttons in the correct order) to bring the robot back to life.

- Create a program that requires you to push 2 buttons in the correct order for Dash to greet you.
- If you push a button out of order, Dash's alarm should sound.
- Example solution: 33gb



Enter the third code (3 buttons in the correct order) to hear the robot's secret message.

- Record a secret message as a Custom Sound.
- Create a program that requires you to push 3 buttons in the correct order for Dash to deliver the custom sound.
- If you push a button out of order, Dash's alarm should go off, and Dash should spin around using the Moving Basics behavior.
- Example solution: cfwr

Notes:

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Activity Sheet

sh robot.



wonder workshop



Download the starter program using this key: ju9a

Add more to the program so that if you press Button 3, Dash's alarm goes off!

Run the program! Test it by entering the right button--or the wrong one!

Try these behaviors and cues:

evel

evel



Enter the second code (2 buttons in the correct order) to bring the robot back to life.

Program Dash to greet you when you push 2 buttons in the correct order.

Add to the program so that if you push the wrong button, Dash's alarm goes off!

Run the program. Test it yourself, or have an unsuspecting friend try it out!

Try these behaviors and cues:



Level 3

Enter the third code (3 buttons in the correct order) to hear the robot's secret message.

Record a secret message as a **Custom Sound**.

Program Dash to say the secret message when you push 3 buttons in the correct order.

Add to the program so that if you push the wrong button, Dash's alarm goes off and Dash spins around fast!

Try these behaviors and cues:

