

Tips

This activity only uses Codey, the detachable controller part of the Codey Rocky robot. If you unpack the robots ahead of class, for this activity you need only distribute the Codey part of the robot.

Solutions to Extensions

1. The addition of a few blocks from the Display palette can make it a little easier to tap out Morse Code messages on Codey.

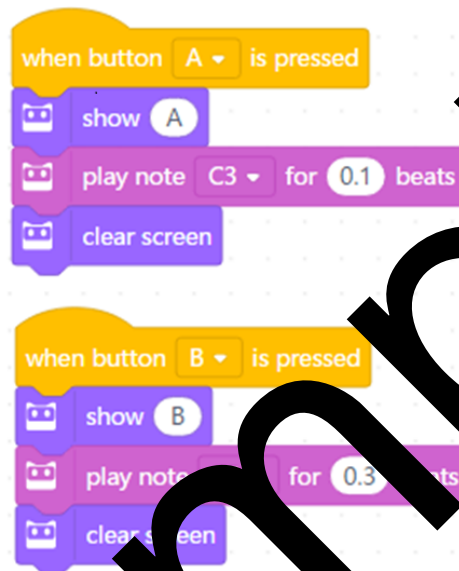


FIGURE 1 TelegraphMorse. This program includes "show" and "clear screen" blocks to tell the user which button was pressed.

2. In this extension, students are challenged to create their own communication method, similar to Morse Code. Students will create a variety of communication methods. Encourage students to consider the following questions as they design and iterate their code:
 - How easy is it to learn my communication method?
 - Were there some who get confused when using the method?
 - How fast can I communicate using this method? Are there changes I could make to speed it up?
 - How can I improve my communication method?