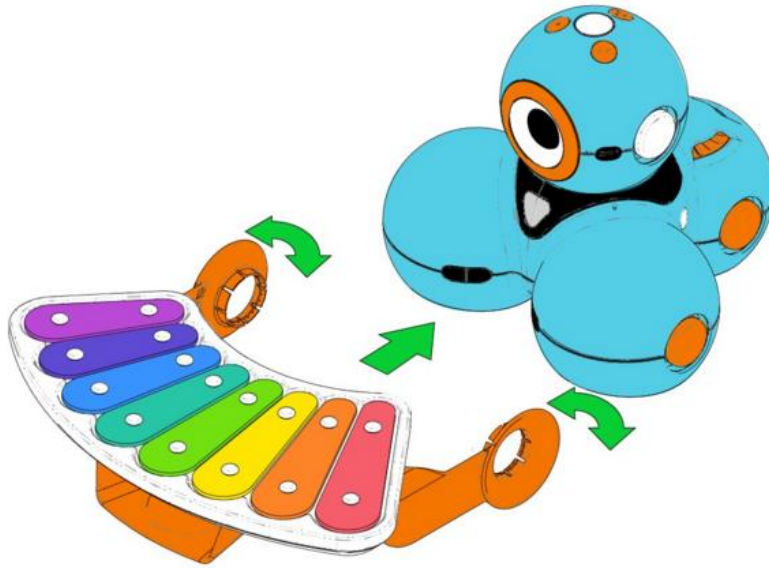


Xylophone Setup for Dash

Step 1

Place Dash on a flat surface. Pull the connector rings of the xylophone outward and line them up to the connection points on the sides of Dash's front wheels. Press firmly to snap the xylophone in place. To make sure the xylophone is properly aligned, check that its wheel is resting on the ground in front of Dash.



Step 2

Line up the mallet's connector ring with the connection point on the left side of Dash's head. (If you are facing the robot, its left is to your right.)



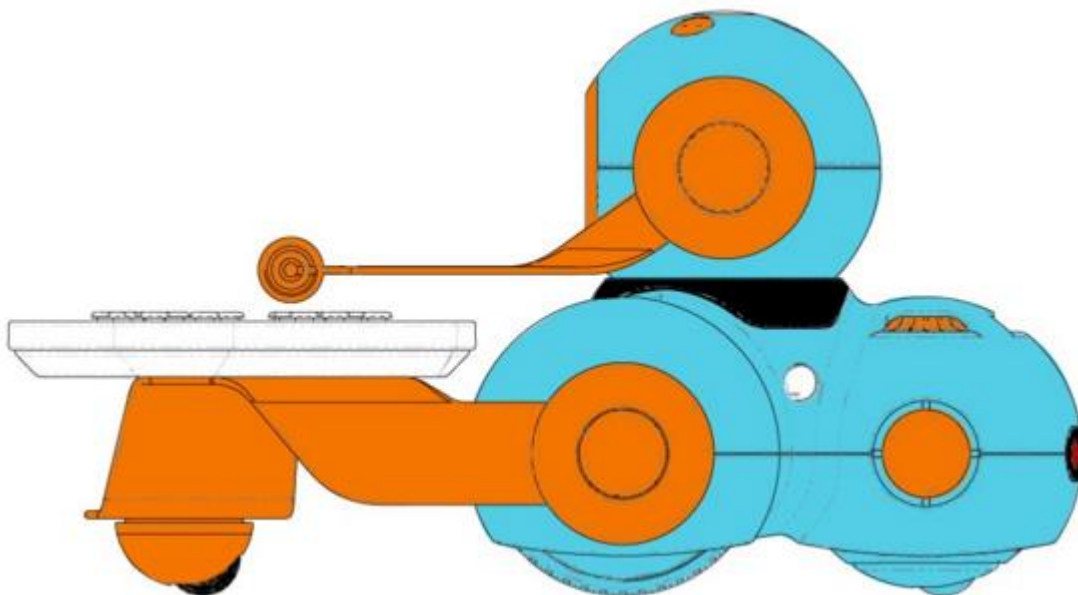
Step 3

Press firmly to snap the mallet into place.



Step 4

To make sure the mallet is properly aligned, check that it is level (pointing straight forward) when Dash's head and eye are facing straight ahead. Once the xylophone is connected, Dash is ready to play!



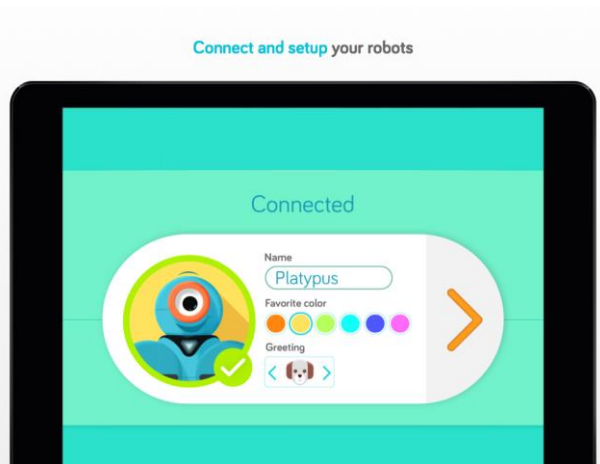
Step 5

On your Tablet, Click to Open the Xylophone App.



Step 6

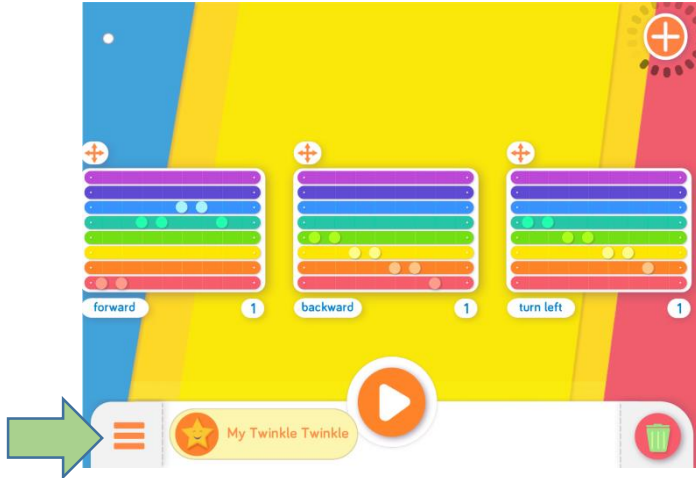
Turn on Dash and connect the App to the robot by putting your finger on the picture and holding it there until the green circle goes all the way around the picture and a check mark appears.



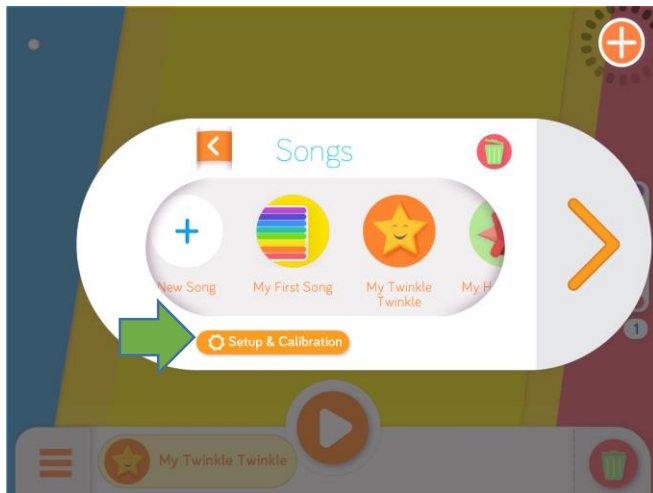
Step 7 Calibrate the Xylephone

To make sure that Dash can find the right notes, we need to do something called Calibrate.

Tap on the menu (3 orange bars) at the bottom of the screen.



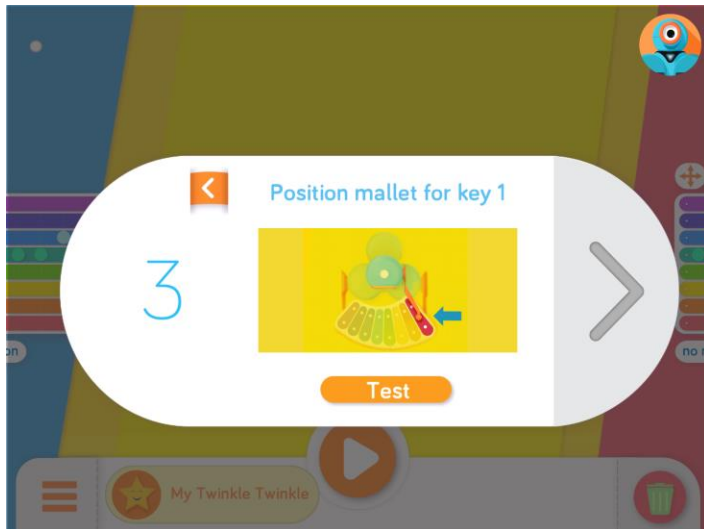
A new window pops up.



Tap on "Setup and Calibration"

The Calibration steps will begin with setting up the robot.

We have already attached the Xylephone and the mallet, so you can move past the first 2 steps by pressing the large orange > arrow.



Next, look at the picture and move the robot head so the mallet is ready to strike Key 1 (red). Then press the Test Button. The robot should move and strike the center of the Red key. If it does not strike it very well, reposition the head (or adjust the mallet connection on the ear) and press the Test button again.

Follow the instructions and tap the large orange > to go to the next step.

You will be instructed to repeat the process for Key 5 (Blue) and Key 8 (purple). Once again, move the head and make adjustments as necessary until it strikes the key.

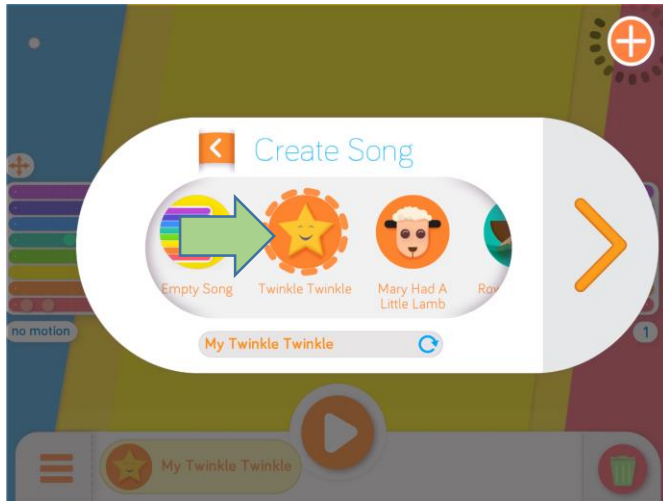
Then you should receive a message that the Calibration is complete.

You are now ready to begin playing music with Dash!

Step 8 Play a Song



Tap on the menu (3 orange bars) at the bottom of the screen.



Scroll through the list of songs and choose one. Such as Twinkle Twinkle.



The song is loaded onto the screen. Each small box represents one measure, and each circle represents one note to play. Press the large arrow and the song is downloaded to Dash. Dash plays one note at a time. A white bar moves over the notes to show which one Dash is playing. To stop Dash at any point, just tap somewhere in the background. To start playing again, press the Play button, or tap on one of the measures.

Notice the colors of the bars on the screen match the colors on the Xylephone. So if a note is on the Red, Dash will strike the red key, if it is on the Blue, Dash strikes the blue key.