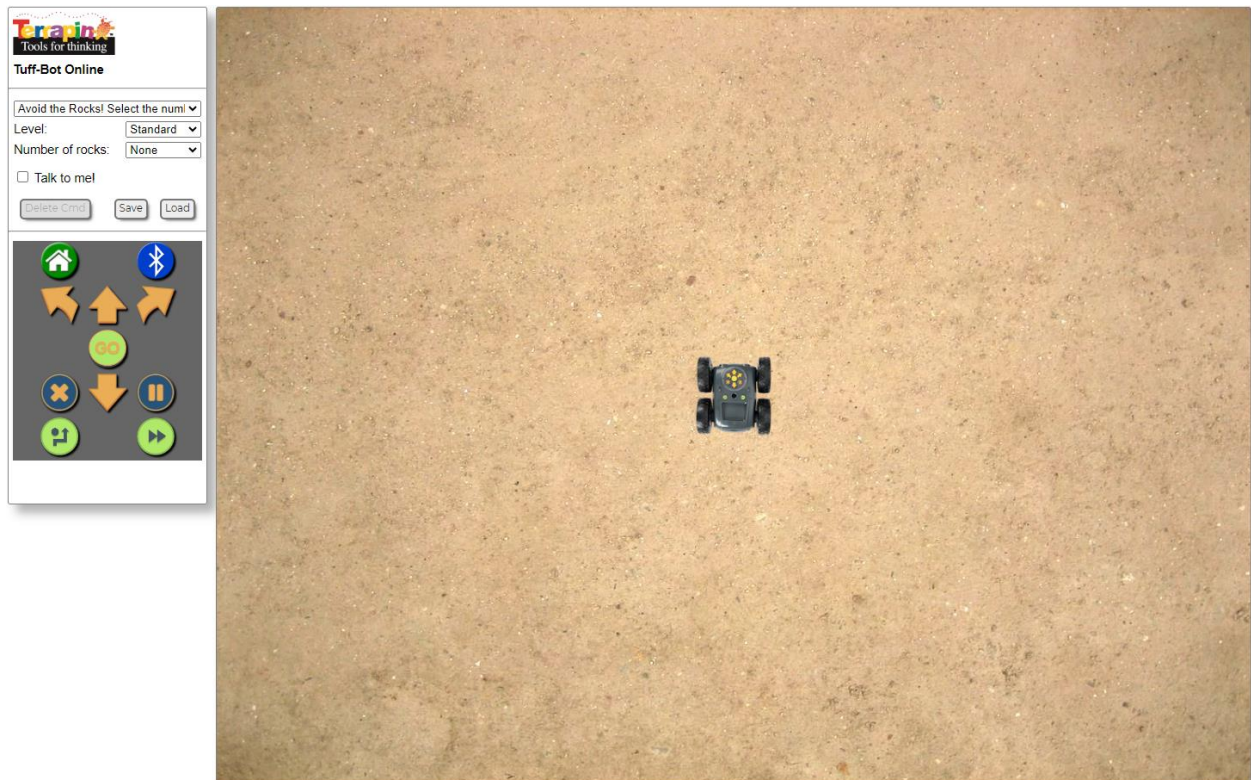
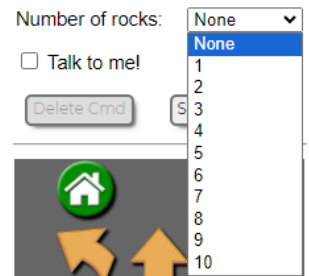


Student Activity 9: Use the Tuff-Bot Online Emulator

The Tuff-Bot Online Emulator lets you play with virtual Tuff-Bot. Virtual means that it is on your computer, not in your classroom. The emulator imitates how Tuff-Bot works. In the emulator, you control Tuff-Bot by clicking the buttons on a picture of Tuff-Bot on the screen.

When your teacher tells you to, go to tuffbot.terrapinlogo.com/?rocks1.

You will see Tuff-Bot on a dirt background. You can add some rocks to the scene. In the drop-down menu called "Number of rocks", choose a number from 0 (None) to 10. The rocks will appear! If you don't like the random way they are positioned, you can reload the window, or choose a different number of rocks, and then choose the number you original wanted. They will appear in different places.



The emulator version works just like the Tuff-Bot. You can even see the list of commands you have entered.

Can you navigate Tuff-Bot around the rocks? Turn on Obstacle Avoidance and have some fun!

Try some of the other online mats at tuffbot.terrapinlogo.com. Obstacle Avoidance only works with the Rocks mat because the rocks are specially designed with work with the Avoidance feature.