

Playing and Learning with EToys

1. Start Etoys. Click on Tutorials and Demos.
2. Do ALL THREE TUTORIALS.
3. After completing all three tutorials, you are ready to create your Octopus's Garden.

Making an Octopus's Garden

1. Create a new project.
2. Paint your background. Right click on the blank background. Click on the gray paint button on the right side of the screen.

Paint your seascape background.

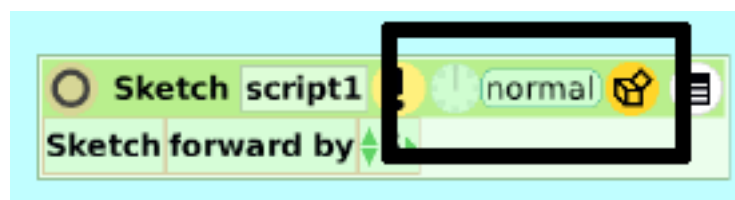
3. Your sea is lonely. Use the Paint tool to add some beings to your seascape.
4. Some of your beings are bored. They would like to move about.

Create a script for one of your beings to move across the sea.

There are different ways to make your being swim horizontally. Here is one way: Right-click the object, and press the shift key down, and use the mouse to change the direction arrow in the center of the object:



Make your being move. Right click on a being, and click the Viewer button. Drag the "forward by" tile onto your sketch. Click the ! (yellow circle with exclamation point in it). To make it move continuously, click "normal" and change it to "ticking":



Save your project! Click the



button to save your work.

Develop your sea world. If you find a trick or neat feature, share it with your classmates. Here are some things to try:

1. You can make copies of objects you create (maybe a flock of birds or a school of fish?).
2. Notice what happens when an object hits the edge of the screen. Use a Test tile to test for the object's location, and make it turn around and head in the opposite direction.
3. Notice what happens when one object moves into the same space as another object. Use layering to create some sea grass, and make some creatures to move between layers of sea grass.
4. See if you can an object move off of the screen, and then re-appear on the other side.
5. Think of what a real seascape has. What can you do to make your seaworld a little bit more like a real one?
6. Or what would an octopus's garden look like? Can you make one?

When you are done, be sure to save your final project, and email it to:

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*"I'd like to be under the sea in an octopus's garden in the shade...
We would be warm below the storm in our little hide-a-way beneath the waves.
Resting our head on the sea bed in an octopus's garden near a cave."*

-- Ringo Starr