

## How to Construct a Sand Wheel

### Materials:

- 1 X plate Petri dish
- 1 bottle of school gel glue
- 4 samples of sand
- 1 Permanent marker
- 1 index card (optional)



### Instructions:

1. Take one X plate Petri dish, remove the top, and place small amount of school glue gel evenly in one section.
2. Choose one sample of sand to go in that section of the dish. You can use dune, backshore, nearshore, foreshore, or sand samples from around the world. After you choose your sand, be sure to label the appropriate section on the bottom or side with the name of the sand on the Petri dish using a permanent marker *before putting the sand in the dish*.
3. Put a light layer of sand in the appropriate section, (place enough to fill to the corners of the section).
4. Repeat until all the sections of the Petri dish are filled.
5. Place the top back on the Petri dish and tape it closed.
6. OPTIONAL: Using an index card, write up a key that describes each of the four samples of sand and label where they are from.