Guiding Questions

- Have you ever been to the ocean?
- Have you gotten any ocean water in your mouth?
  - What did it taste like?
- How did you feel when you added the plastic to the ocean art?
- How might this plastic impact or hurt the animals?
- What can you do to keep plastic out of the oceans?

Background

- All of the ocean zones are salty
- We measure how salty the ocean is by looking at the ocean's salinity
- Rain water continues to add even more salt to the ocean
  - When it rains on land, pieces of salt are picked up, slide across the land and end up in the ocean
Time to Explore!

Materials

- Paper (watercolor paper if available)
- Watercolor paint
  - or liquid food coloring mixed with water
- Paintbrush
- Salt
- Ocean Animals

Procedure

- Fold piece of paper into thirds
  - The top third represents the Surface Ocean
    - Most sunlight and warmest temperature
  - The middle third represents the Middle Ocean
    - It gets less sunlight and is colder than the Surface Ocean
  - The bottom third represents the Deep Ocean
    - It gets the least sun and is the coldest temperature
- Use the watercolors to paint the ocean zones
  - Remember the Surface Ocean get the most sun so it will be the lightest shade of blue and the Deep Ocean gets the least sun so it will be the darkest shade of blue
- Add the salt
  - Ocean water is salty
  - If you are unfamiliar with salt water, you can mix a little bit of salt in a glass of water and take a sip
- When the paint dries, gently knock off the salt and notice the how the paint looks
- There is life in all the ocean zones, so add your animals!
- Unfortunately, there is also plastic in all the ocean zones
  - Add pieces of plastic and trash

In Collaboration With: SEEC & CPNAS