

Ocean Zones in a Jar!

Materials:

1. A glass or clear jar
2. Food coloring (black, purple, dark green, dark blue, light blue)
3. Corn syrup
4. Cooking oil
5. Dish soap
6. Water
7. Rubbing alcohol
8. Funnels

Instructions:

1. Pour about $\frac{3}{4}$ cup of the following into the jar so that they each fill about $\frac{1}{5}$ of the jar (you'll want to add each layer very slowly and carefully):
 - a. **Hadal Zone** – Corn syrup, colored with black food coloring
 - b. **Abyssal Zone** – Dish soap, colored with purple food coloring
 - c. **Midnight Zone** – Water, colored with dark green food coloring
 - d. **Twilight Zone** – Cooking oil, colored with dark blue food coloring
 - e. **Sunlight Zone** – Rubbing alcohol, colored with light blue food coloring
2. Add some labels on the outside of the jar for each zone and view it in different lightings to see the different layers!

