Ocean Zones

Supplies:
- Food coloring or liquid watercolors – purple, black, blue, green
- Corn syrup (tinted black/purple) or dark corn syrup
- Water (tinted blue)
- Vegetable oil
- Dropper
- Funnel
- Empty water bottle

Challenge:
1. Add 2-3 inches of tinted or dark corn syrup to bottle using the funnel
   - This represents the deep ocean zone – the Midnight Zone
2. Add 2-3 inches of blue water to the bottle. You should see two distinct layers.
   - This represents the Twilight Zone of the ocean
3. Fill the rest of the bottle with vegetable oil
   - This represents the Sunlight Zone of the ocean
4. Label each zone of the outline of the bottle

Invitations:
1. Take a picture of your finished creation!
2. Go to our Facebook “Gateway Science Museum, California State University, Chico” and submit in “Write a post”
3. Post on your Instagram and tag @gatewaysciencemuseumchico
4. Use hashtags: #GatewayFromHome #GatewayScienceMuseum #WildlifeWonders