

TITLE OF LESSON: RECYCLED SEA MOBILE	GRADE: KINDERGARTEN
<p><u>Big Idea:</u> Effects of Pollution</p> <p><u>Essential Questions:</u>            What is pollution?            Why is recycling important?            How does pollution affect sea life?            What are the three R's?</p> <p><u>Vocabulary:</u> The 3 R's (reduce, reuse, recycle), pollution, collaborate, mobile</p>	<p><u>Central Focus:</u></p> <p>Students will learn how to create a mobile while considering three-dimensional space and motion of the objects in space. The students will be shown examples of three-dimensional artworks and will discuss the elements that they see within those works. Then, working at a group table, students will create their recycled sea animals and then collaborate with their peers to put together the mobile. When the entire mobile is put together, the class as a whole will discuss the visual elements of the piece and consider what they like about the finished product, as well as how the mobile is an effective medium in conveying motion of sea creatures.</p>
<p><u>Standards:</u> (standards directly correlate with objectives and the implementation of the standards within the lesson segment is reflected in the objectives)</p> <ol style="list-style-type: none"> <li><b>1.3.2.D.1</b> - Visual statements in art are derived from the basic elements of art regardless of the format and medium used to create the art. There are also a wide variety of art media, each having its own materials, processes, and technical application methods for exploring solutions to creative problems.</li> <li><b>1.1.2.D.2</b> - Recognizing the elements of art and principles of design in artworks of known and emerging artists, as well as peers, is an initial step toward visual literacy.</li> <li><b>1.2.5.A.1</b> - Art and culture reflect and affect each other.</li> <li><b>1.4.2.B.3</b> - Contextual clues are embedded in works of art and provide insight into artistic intent.</li> </ol>	<p><u>Objectives:</u></p> <p>Students will be able to (SWBAT):</p> <ol style="list-style-type: none"> <li>Demonstrate knowledge of the elements of art including form, texture, and space by constructing a three-dimensional sea animal out of recycled materials and collaborating with peers to assemble a mobile of the completed animals.</li> <li>Describe visual components of the elements of art and principles of design, specifically focusing on color, texture, and balance, by observing different works from artists related to the big idea of pollution's effect on water.</li> <li>Examine how the effect of pollution on water is reflected in art by observing artworks that examine these effects and by developing their own artwork using recycled materials.</li> <li>Analyze works of art and the artist's purpose in creating art by identifying the subject matter of the work and possible themes/ greater meaning within the works.</li> </ol>

### Exemplar Artwork:



### Materials:

- Recycled objects, including
  - Plastic water bottles
  - Plastic bags
  - Bubble wrap
  - Cardboard boxes (cereal boxes, snack boxes, etc.)
  - Paper scraps
  - Newspaper
  - Egg cartons
  - Yarn/ string
- Art Supplies:
  - Tempera paint
  - Scissors
  - Elmer's glue
  - Glue sticks
  - Paint brushes
  - Cups for water
- Teacher Supplies:
  - Wire (for putting together mobile)
  - Hot glue gun

### Enduring Understandings:

Water exists in many forms - including oceans, rivers, creeks, ponds, and lakes - and is an essential part of sustaining human, animal, and plant life. However, pollution has a large impact on water systems and negatively impacts all forms of life. Different types of pollution that have an effect on the ocean and other bodies of water include acid rain, runoff, and improper disposal of trash/ not recycling. The obvious effects of pollution are contaminating the water with trash, oil, and other chemicals, which affects drinking water and the animals in the water that humans depend on for food. It is important for students to understand the drastic effects that pollution has on our world and to acknowledge and learn ways to reduce pollution by recycling and reusing items, which they will do by creating a recycled mobile of sea animals.

### Sequence of Activities:

1. Prior to the start of the lesson, have children bring in recycled materials and collect own recycled materials.
2. Day 1: Introduce the big idea to students, show images/video of pollution's effect on the environment, specifically the ocean. Introduce the project and students can begin working.
3. Day 2: Students continue working on creating project, water related music can be played while they work (ex/ music either created with water or based on the theme of water).
4. Day 3: Students finish creating individual animals, mobile is put together, and students reflect on the project (how did they collaborate to create mobile, do they like how it turned out, why?, etc.)

Artists: Mobile – Alexander Calder, Bruno Munari

Water/Recycled Materials – Irina Cumberland, Aurora Robson, Veronika Richterova