

Racing Artemia

Age: 4- 8

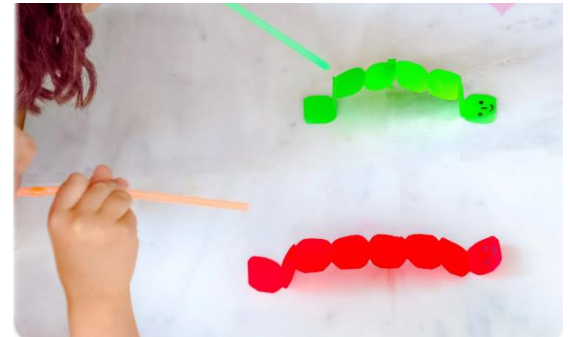
Education Blurb:

In this craft, students get to create and race their own artemia shrimp!

Artemia (Brine Shrimp, Sea Monkeys) are small arthropods related to crabs. They live in salty waters throughout the world and provide a key food source for a variety of ocean creatures from anemones to baby fish. They are easy to raise at home, which makes them a popular choice for feeding some animals at the Vancouver Aquarium!

Their bodies have 19 segments with the first 11 having leaf-like appendages (legs). The bodies of artemia are divided into head, thorax, and abdomen. The head has three eyes, two compound eyes which will be used as adults and naupliar eye at the center of the head which they use in their larval stage. Artemia are invertebrates, meaning they have no bones in their body. Instead their body is covered with a flexible exoskeleton. Artemia's legs are multipurpose. They swim upside down by beating their legs and they use their legs to filter algae from the water to eat.

1: *Montessori from the Heart*



Materials:

- Craft paper (preferably thin and light)
- Scissors
- A sharpie/marker
- Straws

Steps:

1. Create your Artemia
 - a. Cut paper strips, about 1 ¼ inch wide
 - b. Fold the paper in half, length wise
 - c. Re-open and fold each end to the middle crease
 - d. Fold again to the middle crease
 - e. Once you have your folded square you can cut the edges off to make them rounded
 - f. Open the paper back up and you should have eight creases
 - g. Draw some eyes (make sure to put 3!) on your artemia, this section is the head, students can also draw legs on the three creases behind the head (thorax) the rest should be left as the abdomen
 - h. Watch full origami video here: https://youtu.be/3v_JYQC30i4
2. Race your Artemia
 - a. Place Artemia on a flat surface (table or floor)

- b. Give the students a straw and have them blow on the end of the artemia to make them move across the room
- c. You can set up races, or just have your students play with them.
- d. Hint: The best place to blow is the third section from the back!

Adapted from: <https://montessorifromtheheart.com/2019/07/11/racing-caterpillars-paper-craft-kids-diy-game/>

These resources are brought to you by:

Camps, Clubs and Youth

CampsAndClubs@ocean.org

(604) 659-3493

FOR MORE INFORMATION VISIT
education.ocean.org



OUR VISION IS A WORLD IN WHICH OCEANS ARE HEALTHY AND FLOURISHING