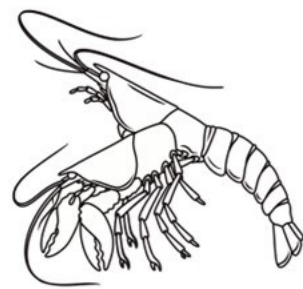


Name: \_\_\_\_\_

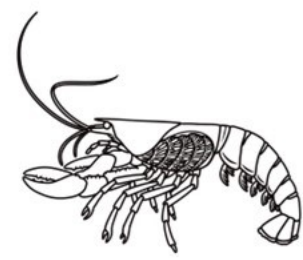


# SHAPE OF LIFE: MARINE ARTHROPODS

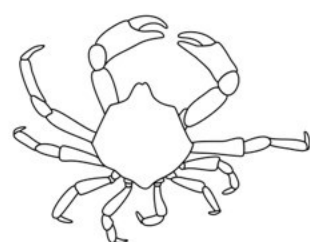
1. In addition to ruling the ancient seas, arthropods were the first creatures to move onto \_\_\_\_\_.
2. What is the secret to an arthropod's success? What is one advantage of having this adaptation?
3. What structures do arthropods have to sense their environment?
4. True or false: there are more arthropods in the world's oceans than any other group of animals.
5. What type of skeleton do arthropods have? Describe it.
6. When must an arthropod leave its exoskeleton behind?
7. Does the new exoskeleton develop on the outside or on the inside of the old exoskeleton?
8. Which parts of the crab molt?
9. How long does it take the new exoskeleton to harden? \_\_\_\_\_
10. What structure do arthropods have to breathe? \_\_\_\_\_



11. What is an extreme environment that an arthropod can survive?
12. Why do horseshoe crabs come on land?
13. What adaptations do arthropods who left the sea have?



14. What are three examples of arthropods that you saw throughout the video?



# THIS PRODUCT WAS MADE BY ...



THIS RESOURCE IS THE COPYRIGHTED PROPERTY OF RACHEL MILLER. YOU ARE LICENSED TO USE THIS RESOURCE IN YOUR OWN CLASSROOM AS A SINGLE-USER ONLY.

## You may...

- Use and make copies of this resource with your own classroom students.
- Share files with your students on a private, password protected website (ex. Google Classroom or Canvas).
- Share the link to this resource on [Shape of Life](#) with another teacher or on a public page.

## You may not...

- Share any parts of files or files on a public website, such as a school website or Facebook group. All access should occur through [Shape of Life](#).
- Claim this work as your own or create a derivative version of this work.
- Sell any files or combination of files. This resource is not for commercial use.

THANK YOU FOR PROTECTING THE HARD WORK THAT WENT INTO CREATING THIS RESOURCE!

# LOOKING FOR MORE ZOOLOGY RESOURCES?

### Myth or Fact Challenge Phylum Arthropoda

ARTRPODA MYTH OR FACT #1  
• A tick is an insect. **Myth**

ARTRPODA MYTH OR FACT #2  
• The animal that kills more humans than any other animal is an antlion. **Myth**

ARTRPODA MYTH OR FACT #3  
• Arthropods have an exoskeleton that grows with them as they get larger. **Fact**

ARTRPODA MYTH OR FACT #4  
• Insects use thousands of identical images with their compound eyes. **Myth**

ARTRPODA MYTH OR FACT #5  
• 25% of spiders are venomous. **Fact**

ARTRPODA MYTH OR FACT #6  
• Female bees cannot sting. **Myth**

Versatile & Low Prep

### Exhibit Stations Classes of Arthropods

CLASS CHILOPODA  
CLASS PNEGONOTA  
CLASS ARACHNIDA  
CLASS MAXILLOPODA  
CLASS MALACOSTRACA  
CLASS COLLEMBOLA  
CLASS INSECTA

High School Zoology

### Zoology Curriculum Map & Learning Objectives

ZOOLOGY PACING GUIDE & LEARNING OBJECTIVES

Unit 1: Zoology Overview  
Unit 2: Diversity & Classification  
Unit 3: Invertebrates to Domestic  
Unit 4: Phylum Protista

VERSATILE & LOW PREP

MANY THANKS TO THE AMAZING ARTISTS WHOSE WORK IS INCORPORATED INTO THIS RESOURCE:



And special thanks to...



Shape of Life