

ARACHNID HEADBANDS

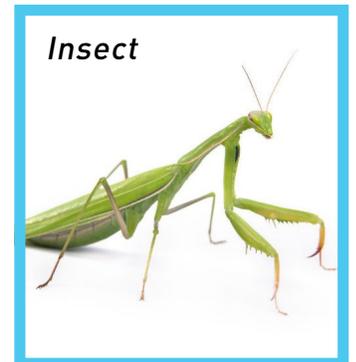
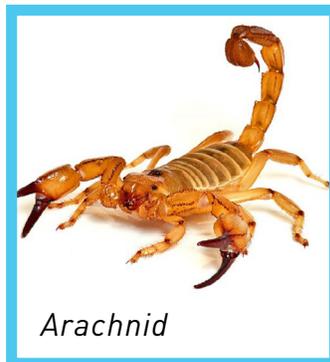
Learning Goal

Explore arachnid anatomy by examining anatomical differences between them and other arthropods and creating an anatomically accurate hat.



You might call them “BUGS,” but scientists call them Arthropods! And there are a lot of them out there (over 900,000) but only some arthropods are special enough to be classified as arachnids. Arachnids are eight-limbed creatures with no antennae. Examples of arachnids are spiders, scorpions, and ticks.

This activity is all about arachnid anatomy (the study of structures of living things). Can you spot all of the differences in anatomy between these arachnids and other arthropods?



INSTRUCTIONS

Materials:

Construction Paper, Markers, Tape, Scissors, ~12 Pipe Cleaners

Optional:

Googly-eyes, Glue

Don't have these materials available? No problem! MOSH activities are designed to be versatile. Think of it as a challenge and change it up to suit yourself. Be sure to take a pic and show us your customization.

1. Cut your construction paper in thirds lengthwise. Tape the short ends together to make a fairly wide strip long enough to wrap around your head.
2. Time to do some research! Look up "arachnid" on Google Images and pick out your favorite one. Make sure you can see it's face well! Jumping Spiders have especially adorable faces.

Remember, it is not an arachnid if it has 6 legs or antennae!

3. Once you've found your arachnid, find the center of your construction paper strip. Use the materials to make it to look like your chosen arachnid's face.

Pay close attention: How many eyes does it have? Where are they? How about legs? Cut out pieces of construction paper to make any facial features that can't be drawn.

4. Now wrap the paper around your head so that your arachnid face is facing out. Tape to secure! If there's a lot of excess paper, trim it off.
5. Remove the headband because its time to add limbs! Observe the shape of your chosen arachnid's limbs and bend your pipe cleaners to match. Use tape to secure them to the sides of your headband.
6. Enjoy your new arachnid fashion! Want to make more ecology headbands? Repeat the same steps for one or more of these Animal Classes:

- Reptiles
- Amphibians
- Birds
- Fish
- Mammals
- Other Arthropods

Remember to do your research and pay special attention to the **anatomy** of your chosen animal!

Strut your stuff online and show off your new Arachnid Look! Post a picture of your awesome headband using #MOSHConnect.