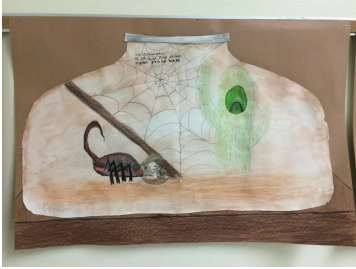


# 5th Grade Arthropod Project



## Assignment:

Congratulations, your years of hard work finally paid off and you will finally make a name for yourself with fellow entomologists! You are the leading scientist in a laboratory that has been working on creating a new species in the arthropod family. Now that your team has figured out the exact formula needed, all they need is an idea of what to create. In order for the new species to be accepted by your fellow entomologists, it must fit all of the criteria needed to fit the type of arthropod you are creating.

## Guidelines:

- Since you are the head scientist, it is your responsibility to complete a drawing of what your new species should look like in each stage of life (some have three and others have four stages)
- You will draw your new species in a jar with some of its natural habitat so that your team can develop the species to live in the conditions you provide.
- Each life stage must include all of the criteria needed to classify it as the type of arthropod you are creating.
- The habitat you draw in your jar must coincide with the colors, designs and body type of your arthropod.
- You will need to use the computer to research the guidelines needed to classify what type of arthropod you will be creating, how many life stages it goes through and what it should look like in its habitat.
- You will need to name your new species and write one to two sentences about the unique qualities it possesses.

## Tips:

- An arthropod has bilateral symmetry in both its body type and design/coloring.
- Try this website to start your research: <http://www.mcwdn.org/Animals/Insect.html>
- Don't research each type of arthropod, decide what type you would like to create and go from there.
- Have fun and be creative!

