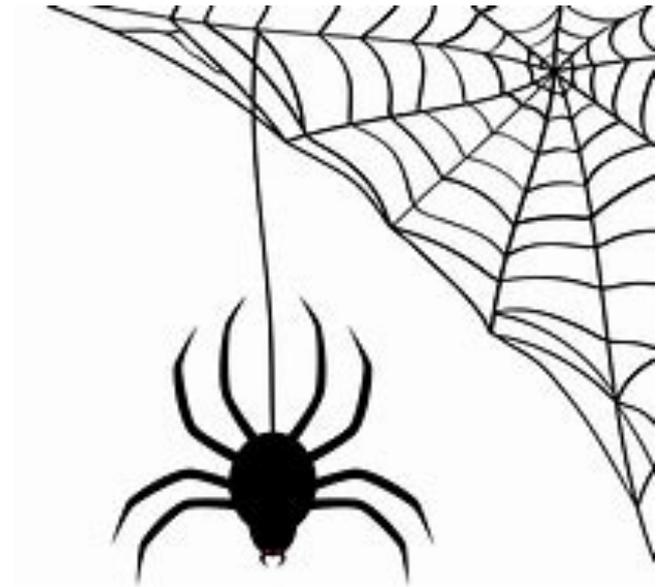
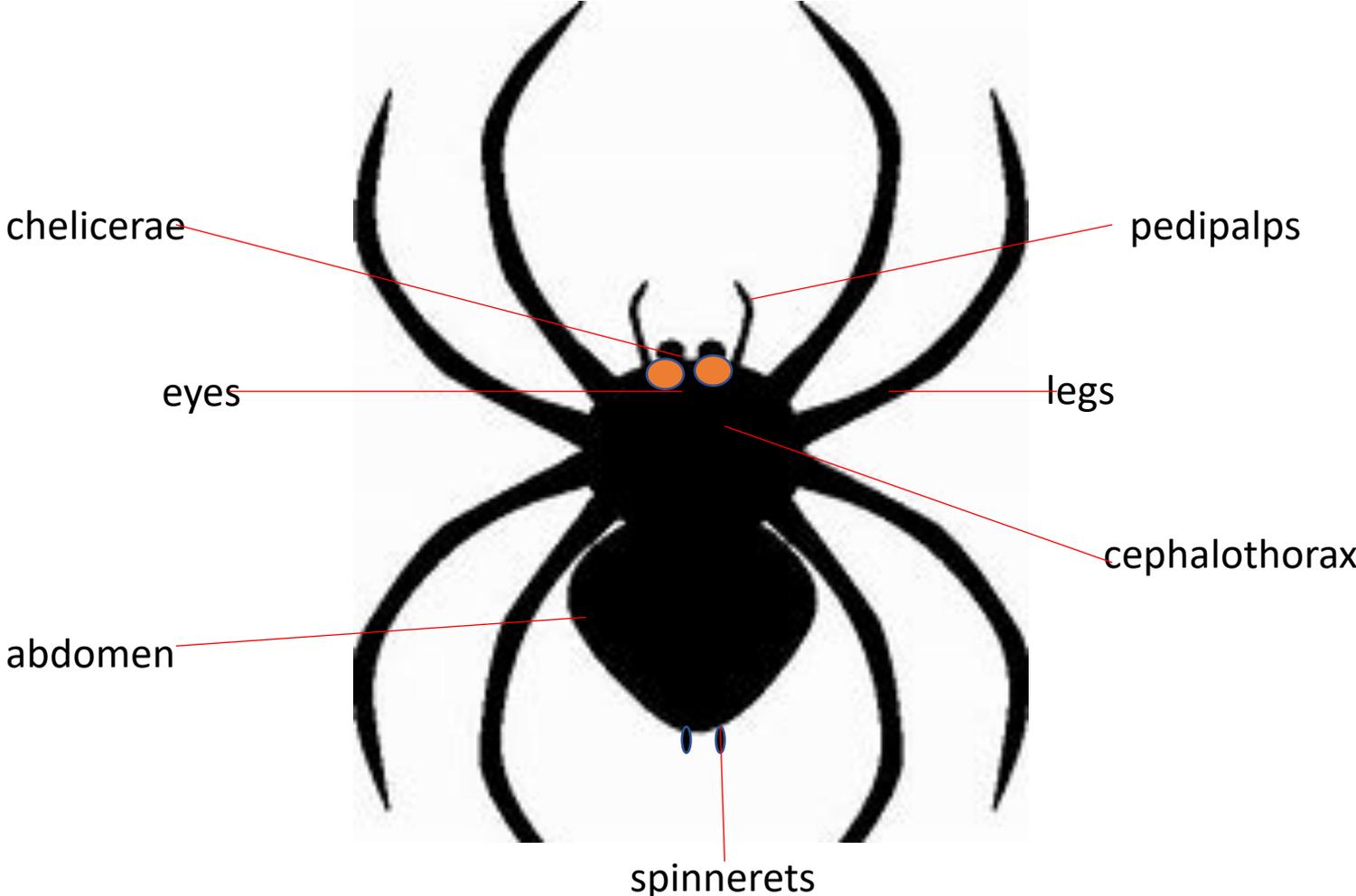


Clever Spiders

How are arachnids
different from insects?



Spiders are arachnids. They have two body parts; cephalothorax (a combined head and thorax) and abdomen. The legs come out of the head! Spiders have 8 legs and spinnerets to make silk for webs.



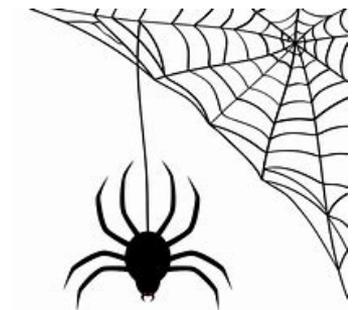
More about spiders!

Kinds of spiders

- Spiders use spitting, hunting, jumping, fishing and trapping, as well as webs to trap prey--spiders are carnivores.
- Some kinds of spiders are money spiders, orb-web spiders, trapdoor spiders, jumping spiders, crab spiders and huntsman spiders.

Webs

- Webs can be orbs or circles, hammocks, sheets, zippers, scaffolds, or traps.
- Spiders can make trapdoors, or spit, to glue their prey, or make nets with bubbles, to catch prey in the water.



Insects have 3 body parts, 6 legs, antennae and often wings.

Spiders are arachnids.

Spiders generally have 8 eyes, 2 large and 6 small.



Their 8 legs have 7 joints.

They have scopulate (brush-like tufts of hairs) pads on the bottom of their feet and generally 2 claws.

The hard shell made of chitin (hard substance) over the cephalothorax is the carapace (protective covering over the abdomen).

They have chelicerae and pedipalps to hold, tear, and push food into their mouths.

When they molt the abdomen splits.

The spinnerets make silk. The two body parts are cephalothorax and abdomen. Lyriform organs (slits) pick up



sensory signals.



Spider Songs

The Spider in the Web

Sung to: "Farmer in the Dell"

The spider in the web,
The spider in the web
Spin, spin, oh watch him spin,
The spider in the web.

The spider eats a (bug name)
The spider eats a _____.
Spin, spin, oh watch him spin,
The spider in the web.

- <http://ccplonline.org/kids/songs4tots/spiderinweb.html>



Spider Body to Mary Had a Little Lamb

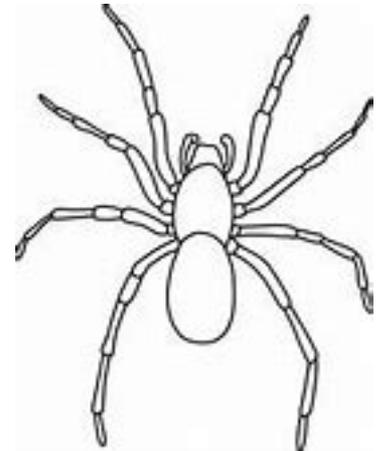
Spider bodies (have 2 parts) 3x

Spider bodies have 2 parts the head and abdomen.

Spider bodies (have 8 legs) 3x

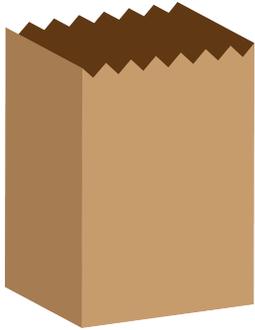
Spider bodies have 8 legs and spinnerets for silk.

Growing Up WILD



Let's Go Collecting Bag

- Get a bag or envelope and



- Glue on the net and decorate it for the Let's Go Collecting Game!



Your family can hide all the spiders around the house, and you can play the Let's go Collecting Game and try to collect all the spiders in your bag!

Spiders to hide around the house for the Let's Go Collecting Game



Make your own spider webs!

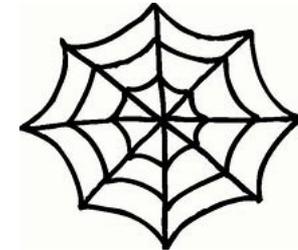
Giant spider web

- Use a skein of yarn or roll of ribbon or spool of thread and weave web threads between chairs.



Spider web snack

- You can make your web from a squeeze bottle of dressing or ice cream topping and place raisins or nuts or seeds to be the flies caught in the web.

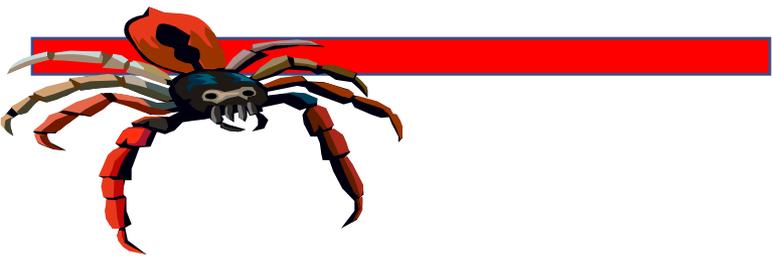
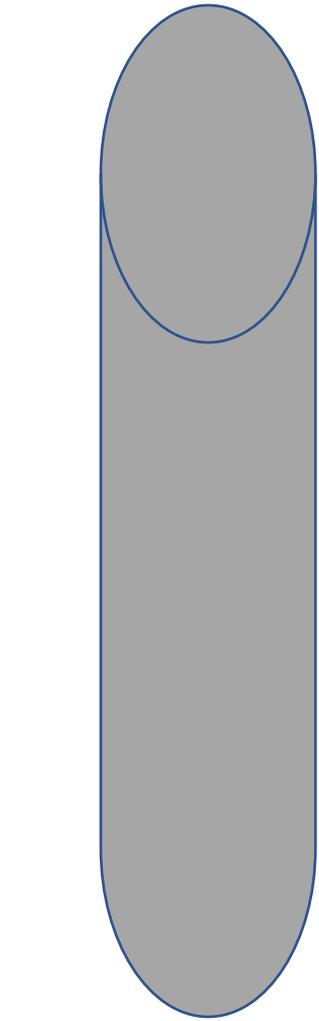
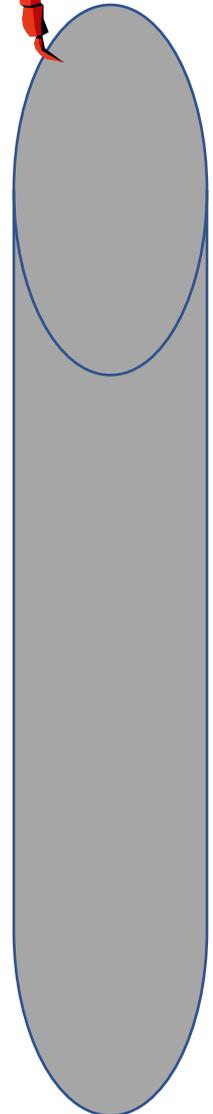
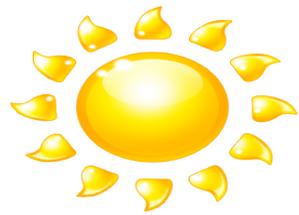
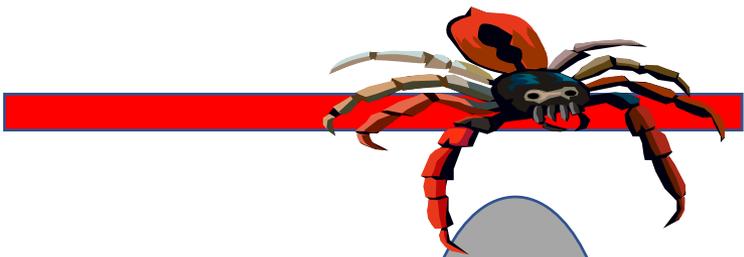


You can weave a web in a tree!

Get some string or yarn and loop it around twigs in the tree to make a web.

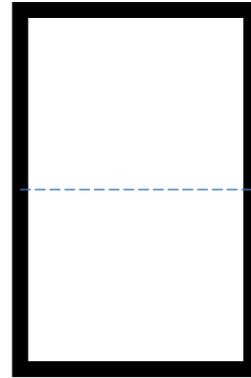
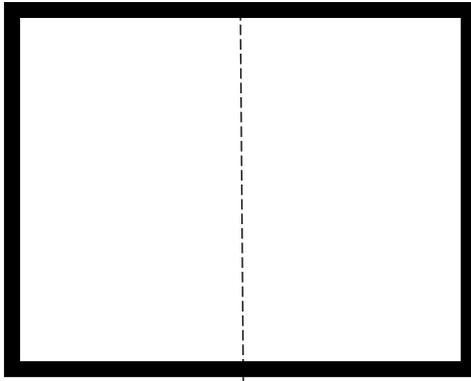


Itsy Bitsy spider--popsicle stick with sun glued on top and cloud on the bottom and spider ring to slide up and down



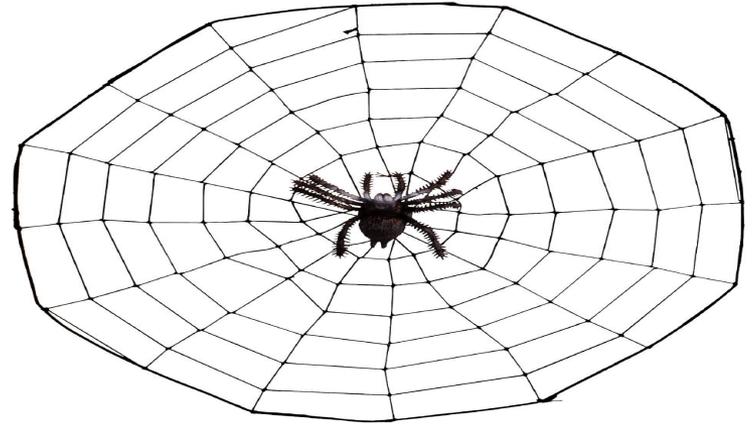
You can make a mini-book!

- Fold the paper in half
- Then in half again.

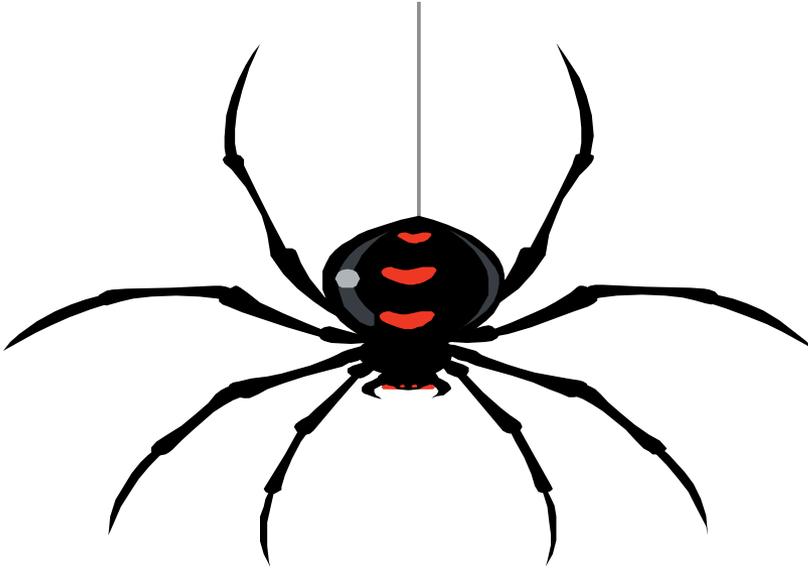




Catch insects



Weave webs



Spiders