



Activity 501B Life Cycles

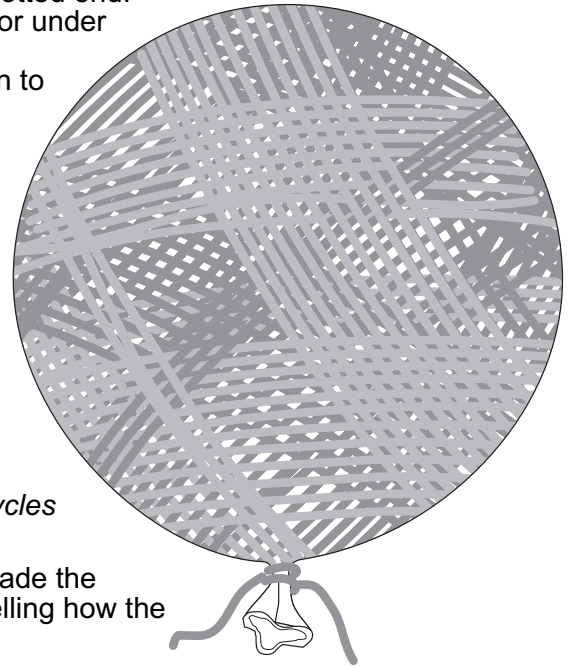
Eggs Galore

Objective Create a model of a spider's egg sac.

What You Need Balloon
Seeds
String/yarn
Liquid starch
Cloth or Paper

Safety Follow your parent's or teacher's rules for safety.

- Directions**
1. Put some seeds into a balloon. Blow up the balloon. Tie the balloon off and trap the seeds inside.
 2. Wrap the balloon in string or yarn until you can see very little of the balloon. Do NOT wrap the knotted end of the balloon under the string. You will need the knotted end to handle the balloon.
 3. Coat the entire balloon with liquid starch. Hang up the balloon from the knotted end. Place a cloth or paper on the floor under the hanging balloon to catch the dripping starch. Allow the balloon to dry completely over night.
 4. Once balloon is dry, pop the balloon and pull it out of the string. Voila! A spider egg sac, complete with eggs inside.



- Go Further**
1. Investigate how a Garden Spider makes an egg case.
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 2. Pretend that a Garden Spider made the above egg case. Write a story telling how the spider made the egg case.
 3. Go on a field trip in your yard or neighborhood. Look for spider webs. How many webs have egg cases in them? Describe the egg cases.

- Spider Math**
1. One egg sac will hold 10 eggs. Another egg sac will hold 50 eggs. A third egg sac will hold 100 eggs. How many eggs in all?
 2. Sally's egg sac holds twice as many eggs as Emma's egg sac. Emma's egg sac holds 50 eggs. How many eggs does Sally's egg sac hold?

- Spider Literature**
1. Read the book, **The Spider's Dance**, by Joanne Ryder.
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 2. Read the book, **Eight Legs**, by Dorothy M. Souza
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