# Terrific Toes

Discover the number of toes on different animals (dogs, cats, lions, elephants, etc.). Write your information on the chart below.

| Name of Animal | 5 toes | 4 toes | Other |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Which is more common – 4 toes or 5 toes? Circle your answer. Explain your answer.

*Transparency Master*

# A Singing Animal Report

**Sing to " Are You Sleeping?"**

*(who?) Busy beaver (animal and describing word)*

*(who?) Busy Beaver (animal and describing word)*

*(where?) In a lodge (where it is found)*

*(where?) In the water (where it is found)*

*(what?) Cutting and carrying (2 things it does)*

*(what?) Swimming and building (2 things it does)*

*(Repeat) Busy beaver (repeat line 1)*

*(Repeat) Busy beaver (repeat line 2)*

**Good Reading**

**Animals Should Definitely Not Wear Clothing**
**by Judi Barrett.**
**Atheneum, 1989.**

**Beavers**
**by Margaret Hall.**
**Pebble Books, 2004.**

# An Animal Home Report

*Choose an animal:*

***squirrel rabbit deer fox wolf possum***

_____ _____

*Describing word* *animal name*

_____ _____

*Describing word* *animal name*

***In a*** _____

*tell the name of its home*

***In***_____

*tell where the home is found*

_____ ***and*** _____

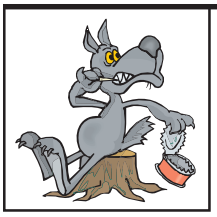
*word ending in* ing *word ending in* ing

_____ ***and*** _____

*word ending in* ing *word ending in* ing

***Repeat the first two lines.***

**Sing to "Are You Sleeping?"**



# Little Red Riding Hood #2

The wolf swallowed the grandmother and Little Red Riding Hood.

How big is the average stomach? How much can it stretch?

**Science Spark** **How much food can your stomach hold?**

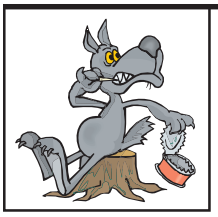
Make a hypothesis: Make a statement that explains how far you think your stomach could stretch. How flexible is it?

**My hypothesis:**

Your stomach is a muscular sac shaped like the letter J. It is very flexible. In this activity you will try to see just how much a stomach can stretch each time you eat!

An adult stomach is about 25 cm long. Your stomach is probably a third of that size, or about 8–10 cm long. When the stomach is empty, the space inside is about 0.08 liters. Your teacher will give you and a partner a balloon. Measure the balloon's width. Is it 8-10 cm? It's just like your empty stomach! How far do you think your stomach will stretch? Let's see!

1. Stretch the end of the balloon over the end of the funnel.
2. Hold the neck of the balloon where it meets the funnel. Hold the funnel upright.



# Little Red Riding Hood #2

3. Spoon sand into the funnel a little bit at a time. With a free hand, stretch the balloon and move the sand around so more can fit in (but don't let go of the balloon's neck.)
4. Keep adding sand until you think you have stretched the balloon as far as your stomach could actually stretch. When you decide to stop, ask your teacher to tie the top of the balloon in a knot.

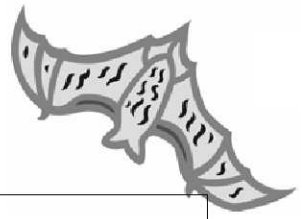
Measure your balloon's width. **We think our stomach would stretch to _____cm.**

Listen as your classmates share how far they stretched their balloons. Record some of their measurements:

| Group member names | length of balloon in cm<br>amount of sand in cups |
|---|---|
| | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |
| | _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ |

Watch as your teacher shows you just how far the stomach **can** actually stretch.

Report and reflect on your findings. Was your hypothesis correct? Were you surprised by how much a stomach can stretch? Describe your conclusions on another sheet of paper.



# Seeing Seeds

| Draw a piece of fruit. Label it. | Do you think each fruit contains seeds? | Predict the number of seeds by writing the numeral. | Write the actual number of seeds. | Predict what you think the seed looks like. Draw it. | Trace around the seed to show its size and shape. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

# Interesting Insects

Discover if there are insects whose nose or tongue is used in the same way as a bird's beak. Draw a picture of the insect and the bird with a matching beak. Explain how they are similar in a sentence.

## Insect

## Bird

# MAGNET MYSTERIES

## CAN YOU SOLVE THE MYSTERIES???

## MYSTERY NUMBER 1

Sam was helping his teacher put pictures on the bulletin board. He accidentally knocked the jar full of pins off the table, and they spilled all over the floor. "Ouch!" said Sam as he started picking up the pins. "They're sticking me, and it will take forever to get them all off the floor!"

"I'll help you Sam. I know a quick and easy way to pick them up," said Katie.

What do you think Katie's idea was?
Can you solve this mystery?

**********

## MYSTERY NUMBER 2

Jenny was always telling the kids in her class that she could do magic tricks. One day she came to school and announced to the class that she could make a paper clip stick to a glass jar, her scarf, and a piece of cardboard. "I don't need any glue either," she said.

The kids in the class were sure she couldn't do it but she did! The paper clip stuck to the glass jar, scarf and cardboard.

How did Jenny do it?
Can you solve the mystery?

**********

Name _____ Date _____

# SCIENCE ATTITUDE SURVEY

Circle your answer

1. I like Science. 

2. I like to figure things out. 

3. I like to know how things work. 

4. I like to solve problems. 

5. Learning new things is fun. 

6. I like to think like a scientist. 

I think Science is _____

NAME_____

## SIMPLE MACHINE ASSESSMENT

1. What did the wolf or pigs use in the story that is an example of each of the simple machines listed below?

A. SCREW _____

B. LEVER _____

C. WEDGE _____

D. GEAR _____

E. WHEEL + AXLE _____

F. INCLINED PLANE _____

Use a magazine, photos, or drawings and show examples used in school of each of the simple machines.

## ?? THINKING QUESTIONS ??

Tongs are a pair of levers. * Explain how the tongs are a lever. Where is the *load,* the *force,* the *fulcrum*? _____

_____

_____

_____

* Why are scissors a pair of levers? Locate the *load,* the *force,* the *fulcrum.* _____

_____

_____

_____

_____

* How does the screw driver used as a lever make opening the paint can easier?

_____

_____

# ACTIVITY SHEET
# "HOW RACHEL RABBIT FIXED THE FOOD CHAIN"

Name_____

Draw the herbivore and carnivore you researched. List what foods they eat and what animals eat them.

| Herbivore | Carnivore |
| --- | --- |
| | |
| What do they eat? | What do they eat? |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| Who eats them? | Who eats them? |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |