



Required Assignment, Week 5, PEP

Week of 5/18- 5/22

Data

- This week I have been thinking about Data (a fancy word for a collection of numbers you can analyze and think about later) and I found so many wonderful ways to show Data!
- Can you figure out what these pictures are showing?
Record your voice to tell me what you think!

SLEEP

Sweet dreams

Most animals sleep, or seem to. It's difficult to tell if a worm or other simple animal is sleeping, but we do know that all mammals and most reptiles sleep, and possibly dream.



Giraffes, horses, and many other grazing animals often sleep standing up. This helps them escape or defend themselves if danger threatens. Bats sleep upside down, a position that allows them to take flight by simply letting go.



hours awake
hours asleep

How many hours in a 24-hour day do animals sleep?



giraffe 2½ hours of sleep



elephant 3½ hours of sleep



human 8 hours of sleep



dog 10½ hours of sleep



cat 13 hours of sleep



squirrel 15 hours of sleep



python 18 hours of sleep



brown bat 20 hours of sleep

Millions of animals

So far, well over a million species of animals have been named. Thousands of new species are discovered every year, and there are probably millions more yet to be found.



What is a species.
The basic unit that biologists use to organize the animal kingdom is the species. Members of a species usually look and act alike, and can mate and produce offspring.



Most animals are insects, and the largest group of insects is the beetles. Of all the animals known to science, more than



reptiles
10,000
species



amphibians
7,450
species



birds
10,400
species



fish
32,900
species



crustaceans
67,000
species



other invertebrates
(animals without backbones)
72,000
species



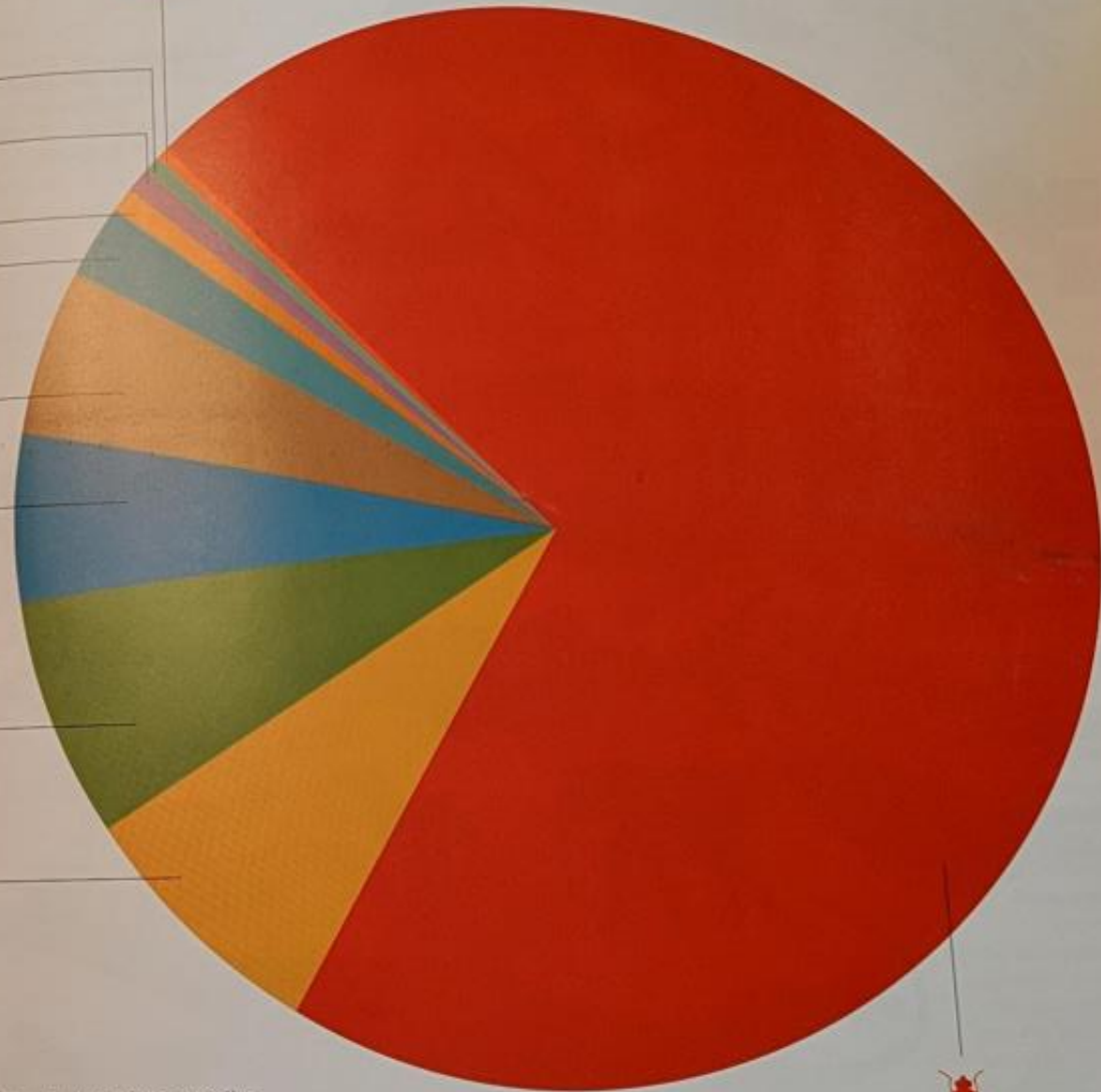
mollusks
90,000
species



spiders and scorpions
102,000
species



mammals
5,500
species



This pie chart represents the estimated 1,397,250 animal species that have been named. Biologists do not always agree about how many species there are, so these numbers vary from source to source.



insects
1,000,000
species

TONGUES

Say ahhh.

Some animals use a long tongue to snare insects. Others feed on hard-to-reach leaves or flower nectar by poking out their tongues. A few of these creatures have a tongue that is longer than its body.



The **giant anteater** can stick out its tongue farther than any other animal. It uses its long tongue to slurp up as many as 30,000 termites a day.

The **chameleon's** tongue can snatch a fly right out of the air.



My own Chart

- I wanted to make my own chart, so I took out all the shoes in our house and started counting who had how many shoes!



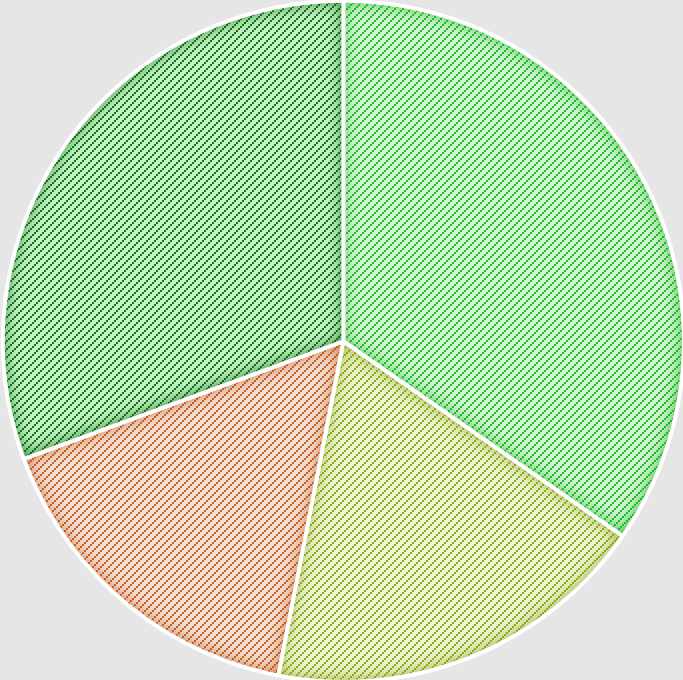
Findings:

- I found I had 17 pairs of shoes.
- My husband had 9.
- My Eldest Daughter had 8.
- My youngest Daughter had 15.

- I decided to make my own chart.

Here is the chart on SHOES in my house:

- Mrs. B
- Mrs. B's Husband
- Eldest Daughter
- Youngest Daughter



Your Task:

- Can you make a chart of your own?
- You can make any kind of chart on anything you want.
- You could measure the height of your stuffed animals.
- You could find out which is the most popular way of eating Oreos in your house (cream first or cracker first) and then show a graph.
- You could do a graph to show which color T shirt you have most!
- It is totally up to you!
- Once you have made a Graph, share it on Seesaw!

HAVE FUN!

