

Fat Bears!





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Vocab! Pick one of these terms to define in your words

- Observations
- Inference
- Qualitative
- Quantitative



Students, write your response!

Use the vocab (observation, inference, qualitative quantitative) we just learned to fill in the blank.

One of the most important skills in science is the use of our five senses, or making _____. Most of the time we think of observing as something we do with our eyes; when we see something, we observe it. However, all five of our senses can be used to make observations: sight, hearing, taste, touch, and smell. A good scientist is observant and notices things in the world. They notice what's going on in the world and become curious about what's happening.



Students choose an option

Use the vocab (observation, inference, qualitative quantitative) we just learned to fill in the blank.

We can make two kinds of observations: either Qualitative or Quantitative. _____ data is information that is hard to measure, count, or describe in numbers. It describes the qualities or characteristics of something. Examples are colors, tastes, and smells.



Students choose an option

Use the vocab (observation, inference, qualitative quantitative) we just learned to fill in the blank.

_____ data is information that can be expressed using numbers: something that can be counted or measured. Tools are often used to collect quantitative data. Examples include quantity, temperature, mass, and length.



Students choose an option

Use the vocab (observation, inference, qualitative quantitative) we just learned to fill in the blank.

After we make observations, our brain makes logical conclusions about our observations called

_____.



Students choose an option

Qualitative vs. Quantitative Observations

Read the following statements and determine if they are Qualitative or Quantitative.

The bear is brown.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Brown bears eat an average of 200 pounds each summer.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Salmon are red.

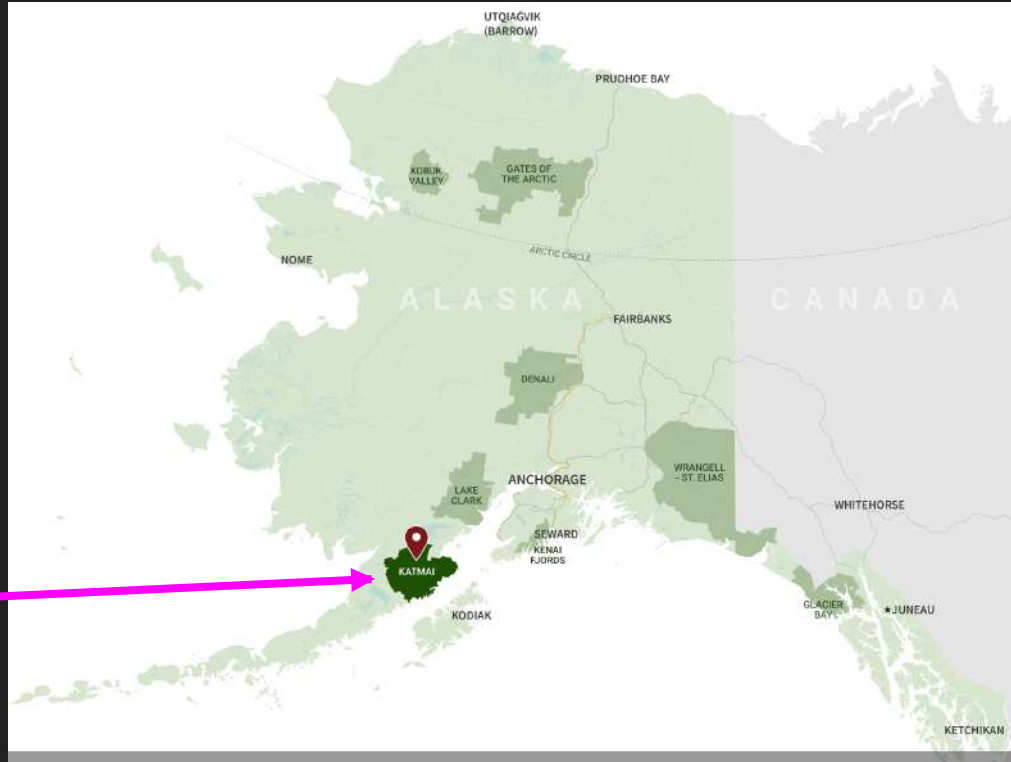


Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

There are 2200 bears in Katmai National Park.

2200
bears
here!



Students choose an option

Bear 409 ate 30 salmon today.



409 Beadnose, Sept 30, 2018

Pear Deck Interactive Slide

Do not remove this bar



Students choose an option

Brown bears are 9 feet tall when standing.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

During hibernation bears survive on body fat.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Now, it's time to make an INFERENCE!

How long do you think it took for this bear to gain all that weight?

(An inference is coming to a certain conclusion based on observations and facts that you know)



Students, write your response!

While watching this video, make an *observation*.



Share your observations OUT LOUD when we are done watching

After watching the video what is 1 *inference* you could make?



OUT LOUD what is one inference

Fat Bear Assignment for this Week

Assignment #5

Fat Bears! Making Observations and inferences!

Posted in Google Classroom