

Research...

When you are organized, it's easy!



Begin Research: Focus Questions

Develop some questions about the topic that you think would be important information to learn.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.



Decide which questions will be most important to research.

Ask yourself: Why would it be important to know the answer to this?

OR

Is this question a "thick and rich" or a "milkshake" question?

Fill out a gathering grid for organization.

Topic: _____

I wonder?	Resource	Resource
Where does it live?		
What kinds of food does it eat?		
What is its size?		
What is special about this species?		

Skim and scan, read captions around pictures, and write down any more questions that pop in your head as you read.

After you are done researching your topic, you could use this information to infer, draw conclusions, write a short research report, be part of a discussion, or create a group presentation.



What conclusions did the mouse make?

Did he make an inference from the research?

Let 's Try it Out!
The Endangered Pacific Northwest
Tree Octopus




Resources for the Tree Octopus

Read this article and take notes in your gathering grid:

<http://zapatopi.net/treeoctopus/>

Then watch the you tube video...

 <https://www.youtube.com/watch?v=A-gMRY2Xvcc>

When you are done, partner with a friend and take a question card from the pile and discuss it.

A Reliable Source



How do we know what we are reading is true?

What are some clues to help you know if the source is reliable and credible?



The web address is a good clue: If it ends in .edu or .org, it more than likely is reliable.

These sources have bibliographies that can be traced back to research, other authors, and documents that prove what is being said.

If facts seem far-fetched or ridiculous or if it conflicts with your prior knowledge, you need to doubt what you are reading. Trust your feelings and knowledge and research another source.

Some Credible Sources

National Geographic

World Wildlife Foundation

Ranger Rick

National Science Foundation

PBS.org

Zoo websites

JUST TO NAME A FEW...



Wikipedia is not always credible and so we avoid using it for science research.