



Name: _____

Group Members: _____

Wise Whiskers: Animal Behaviour & The Scientific Method Project

Dogs and cats have lived with humans for thousands of years, but we are still learning about their behaviour and exactly how they were domesticated. Scientists use the scientific method to collect evidence to help answer scientific questions about our furry friends.

You will review the process used by scientists to **investigate** a **scientific question** about cats or dogs and will use the [How Science Works](#) program to record your work. When you are done, a Power Point presentation will be created by the program based on what you have entered. The more information you include, the better your presentation will be!

Step 1: Read your article and complete as many sections of the *How Science Works* template as you can. The information in your template must match the order followed by the scientist(s) in your article. Please use the Basic version.

Step 2: What would you like to know next? Write a **scientific question**. This must be related to the topic discussed in your article. Add your **scientific question** to the *How Science Works* template.

Step 3: Write a **hypothesis**. What do you think the answer to your question might be? Why are you interested in this topic? Use the internet to research what is already known about your question. Add your **hypothesis** and **research notes** to the *How Science Works* template.

Step 4: Add pictures/screen shots to support each section. These pictures will automatically be inserted into your final presentation.

Step 5: When you are done, click on the three lines in the top right corner and select **Export** and **Power Point**. This will save your Power Point to your computer. Rename the presentation with your group number or name.

Tips & Tricks

Need help reading or understanding your article?

- [Rewordify](#) – Copy parts of your article into Rewordify to get an easier version or definitions.
- [Read Aloud](#) for Chrome – Highlight the text you want to read and click *Read Aloud* on the Chrome menu.
- [Translate](#) for Chrome – Click on the three dots to the right of the address bar and click *Translate*.
- [Merriam Webster Student Dictionary for Kids](#) – Unsure of a word? Make sure you look up the definition!
- Is your article from DOGOnews? Click on the blue bolded word to see the definition.



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Not sure what to record in *How Science Works*? Use the following questions to help you focus.

1. Why are the scientists interested in this topic?
2. Did a new discovery lead to a new **scientific investigation**? What questions did scientists have based on this discovery?
3. What was the **scientific question**? What data did scientists collect to help them answer this question?
4. Did the scientists share their **hypothesis**?
5. What **methods** were used to collect data?
6. What **observations** did scientists make during the **investigation**?
7. What technologies helped scientists to collect **evidence**?
8. What new questions did scientists ask based on the results of this study?
9. What new questions or **hypotheses** do you have based on the results of this study?
10. Did your research lead to changes in your **hypothesis**?

Need help with your research? Here are some websites to get you started.

[National Geographic Kids](#)

[Science News Explores](#)

[DOGOnews](#)

[Science Journal For Kids And Teens](#)

[Ted Talks For Kids](#)

[SciShow](#)



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Articles

1. Science News Explores | [What is my pet saying? Scientists are working to find out](#)
2. Science News Explores | [Analyze This: Some dogs quickly learn new words](#)
3. Science News Explores | [Yes, cats know their own names](#)
4. Science News Explores | [Even raised by people, wolves don't tune into you like your dog](#)
5. News For Kids | [Scientists learn that dogs can smell stress](#)
6. DOGOnews | [Are you a cat whisperer?](#)
7. DOGOnews | [Surprise! Your dog can tell if you are happy or angry](#)
8. Science Journal For Kids And Teens | [Where did cats first start living with people?](#)
9. Science News Explores | [A dog's breed doesn't say much about its behavior](#)
10. Science News Explores | [Analyze This: Puppies naturally mimic human actions](#)
11. Science News Explores | [Good dog! Canine brains separate tone of speech from its meaning](#)
12. Science News Explores | [How to tell if cats are having fun – or if fur is flying](#)
13. National Geographic Kids | [Wolf language and communication: Explore how wolves use their voices, body language and odour to talk to one another](#)
14. Science Journal For Kids And Teens | [When and where did humans domesticate wolves?](#)