


girl scouts

in association with
scistarterTM

THINK LIKE A

CITIZEN SCIENTIST

Junior Part 1/3

Your Journey to Think Like a Citizen Scientist



By doing the activities in these slide, plus participating in the 3 virtual meetings with GSCI staff, you will complete the Think like a Citizen Scientist Journey.

Citizen science is a way for everyday people to help scientists do research.

- When scientists need a lot of data, they ask for the public's help.
- People sign up to collect data by doing activities such as taking photos of clouds or streams, documenting changes in nature, or even counting visible stars to help scientist learn about light pollution.
- Then they send the scientist their data. The scientist analyzes the information and uses it to better understand the world.

Observing With Detail & Precision



Find 3 different types of trees in the video. Describe with detail what you come across. Think about your 5 senses. Do you see a tree moving? Do you think it makes a sound?

Next go for a walk

- Are there any difference or similarities between your walk and the video? Is there a river or a lake by your house? Can you hear the water flowing?
- Make 3 observations and write down what you find. Take some time to really look closely at objects from nature. Feel free to pick them up. What do they feel like? What do they smell like?
- Remember the more detail and precision you have the better.



Practice Observation



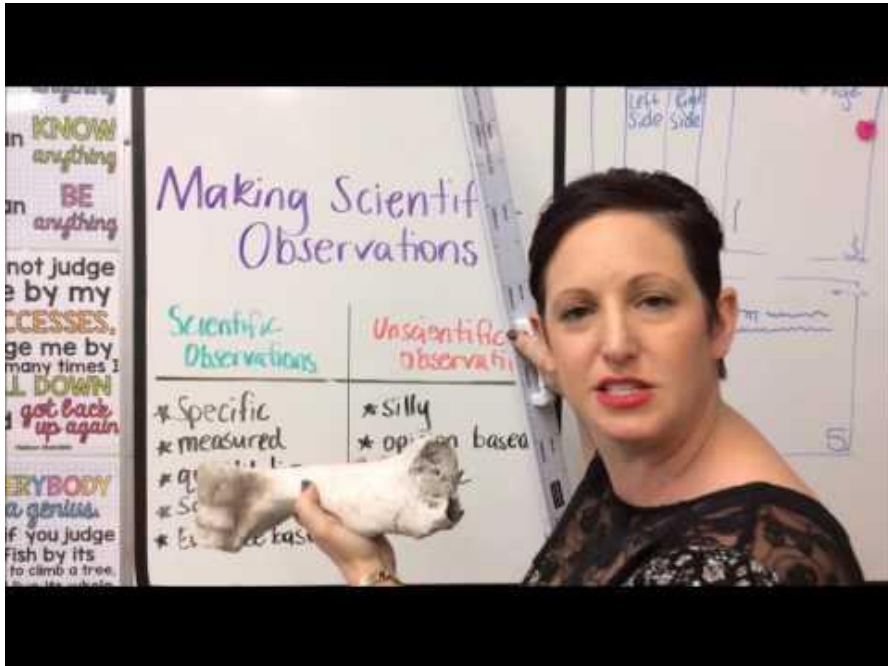
Observation isn't just looking at things around us. We also need to think about what we see. You did this when you examined different items from nature to identify what they were. Now, let's test your memory!

Without going back can you name 10 things you saw in the previous video? Go!

What are some ways you can do to remember what you saw? Go back and re-watch the video for 30 seconds Write down as much information you can. Writing things down helps remember. Did anything changed from observation the second time?



Making Scientific Observation



Can you think of another observation that is and isn't scientific? In a notebook create 3 sentence that is a scientific observation and 2 unscientific observation about a pet or an animal.

Take Action!



Observation is one of the first things scientists do to learn more about the world. In a notebook write down how could you continue to sharpen your observation skills?

On this Journey, you're going to use the scientific method to help real-life scientists learn more about the world. We have a few citizen science projects to choose from. Research 1-3 take action projects below.

- Global Trees
- Main Debris Tracker
- ANT-vasion

During our first meeting we will discuss the different SciSarter projects you can chose and work on.



SPARKLE & SHINE
SHARE WITH US!

#GSCIShinesOn

Join us on the 1st GoToMeeting call to discuss your work so far and ask questions.

Please join my meeting from your computer, tablet or smartphone. May 19th, 2020 at 2pm

[Register Here!](#)

Please take our survey. We would love to hear your feedback.