“Is it Scientific?”

What does it mean if we say that something is “scientific”? Don’t Google the term. What do you think it means? (Put it in YOUR OWN WORDS)

Are each of the following every day activities considered scientific or not? **Defend** your belief in at least two complete sentences.

Cooking-

Writing a paper on “To Kill a Mockingbird”-

Sharing your favorite meme-

What does it mean if we say someone is “skeptical”? Don’t Google the term unless you really need to. What do you think it means? (Even if you have to Google it, put it in YOUR OWN WORDS)

Indicate with a “yes” or a “no” whether you should be skeptical of each of the following topics:

Philosophy-

Marine Biology-

Nutrition-

Conspiracy Theories-

Climate Change-

**Check your answers with Ms. Wallace. Write down what she has written on her notecard.**

Go to each of the following websites. Watch the video associated, or read the article given.

1.Ancient Aliens: <https://www.youtube.com/watch?v=5p-mG06TLso>

* Is this video/article describing science?
* Why or why not?
* Are you sure? Discuss with a partner. Now write down whether you think it is scientific or not?
* Check with Ms. Wallace to see if this is scientific. Is your website describing science: \_\_\_\_\_\_\_\_\_\_\_
* Why do you agree/disagree with the correct answer?

2. Coconut Oil and Metabolism Article: [http://www.healthline.com/nutrition/coconut-oil-and-weight-loss#section1](http://www.healthline.com/nutrition/coconut-oil-and-weight-loss)

* Is this video/article describing science?
* Why or why not?
* Are you sure? Discuss with a partner. Now write down whether you think it is scientific or not?
* Check with Ms. Wallace to see if this is scientific. Is your website describing science: \_\_\_\_\_\_\_\_\_\_\_
* Why do you agree/disagree with the correct answer?

3. Heart Disease and Women: <https://www.cbsnews.com/news/women-dangers-of-heart-disease/>

* Is this video/article describing science?
* Why or why not?
* Are you sure? Discuss with a partner. Now write down whether you think it is scientific or not?
* Check with Ms. Wallace to see if this is scientific. Is your website describing science: \_\_\_\_\_\_\_\_\_\_\_
* Why do you agree/disagree with the correct answer?

4. Crystals and Energy Healing (with Ms. Wallace’s bag of rocks) <https://www.energymuse.com/about-gemstones>

* Is this video/article describing science?
* Why or why not?
* Are you sure? Discuss with a partner. Now write down whether you think it is scientific or not?
* Check with Ms. Wallace to see if this is scientific. Is your website describing science: \_\_\_\_\_\_\_\_\_\_\_
* Why do you agree/disagree with the correct answer?

5. Flat Earth Theory article <http://www.huffingtonpost.com/2012/10/29/flat-earth-society-psychology_n_2038198.html>

* Is this video/article describing science?
* Why or why not?
* Are you sure? Discuss with a partner. Now write down whether you think it is scientific or not?
* Check with Ms. Wallace to see if this is scientific. Is your website describing science: \_\_\_\_\_\_\_\_\_\_\_
* Why do you agree/disagree with the correct answer?