

Science, Technology, Engineering, and Mathematics (STEM) Answers

(Name of the database from where the answer(s) came is listed in bold)

1. Where can you watch a video clip of people walking on the moon?

Answer: Apollo 11, Aldrin walking on the moon, **Britannica**

2. At least 1 Mainer has won a Nobel Prize in Medicine, who was it?

Answer: George Davis Snell, **Middle Search Plus**

3. The **Windows on Maine** (WoM) database has some engaging videos, photos and maps dealing with a variety of topics. Using WoM: what is the name of the NOAA funded research project looking at the link between weather and air quality?

Answer: Airmap in Maine Public Broadcasting Network: Quest Series, Moving Image, 0:01:39

4. Can you find a chart that shows the different layers of the Earth's atmosphere?

Answer: **Britannica**, article on Earth

5. Is cloning a good idea? Where can you find arguments on both sides of the issue?

Answer: **Points of View Reference Center**

6. The impact of the disaster at the Fukushima Nuclear plant in Japan has been compared to what Russian Nuclear disaster?

Answer: Chernobyl, **Student Research Center** articles

7. People say a picture is worth a thousand words. You can do image searches in most databases, by clicking the "Image Quick View" checkbox. Find and cite a photo of tourmaline.

Answer: **MAS Ultra School Edition**

8. What is Poincaré's Prize?

Answer: Math's Greatest Puzzles, **Student Research Center**

MARVELOUS May, 2011

9. Almost 200 years ago a German scientist named Mohs created a table that compared the hardness of minerals. Can you find this table?

Answer: World Book Almanac, **Student Research Center**

10. While we commonly call it the Food Pyramid, the real name for what and how much we should eat is called the Dietary Guidelines for Americans. When was it last updated?

Answer: 2010, **OneSearch**

11. We know that honeycombs are where bees store honey, but what does Honeycomb have to do with smart phones?

Answer: Operating System, **Student Research Center**

12. Mitosis is a tough concept to understand without visualizing it. Can you find a video explaining this process?

Answer: **Britannica**

13. Many of us have LCDs in our houses, our phones and in our laptops. What does LCD mean?

Answer: Liquid-crystal display, **Britannica**

14. Some people are visual learners. Can you find a good video explanation of the Pythagorean Theorem and cite it?

Answer: **Britannica**

15. Your textbook might have Pluto listed as the smallest planet, but astronomers have recently reclassified Pluto as what?

Answer: Dwarf planet, **Britannica**