**METEORITES**

**Warm Up**

1. Draw a picture showing the location of meteoroids, meteors, and meteorites in relation to the earth. (You may refer to your notes.)

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2. Around what type of land feature do you think you might want to start looking for meteorites? (Think about land features that are formed by meteorites hitting the Earth’s surface.)

**Watch the video clip on a man finding a 1,400 lb. meteorite.**

**Webquest**

1. Locate the town where Steve Arnold found the 1,400 lb. meteorite on [Google Maps](http://maps.google.com/). Then describe its location in relation to a larger city on the map.
2. If Arnold’s meteorite sells for $2.5 million, what is the meteorite worth per pound?
3. Search online and record the cheapest meteorite as well as the most expensive you can find within 10 minutes of searching.
4. Next visit <http://www.kansasmeteorites.com/Index.html>

a. Determine if KS is a good place to look for meteorites? Circle Yes or No

b. List three counties in KS where meteorites have been found before and describe in which part of the state they are located (i.e. NE, SW etc.)

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1. Then visit <http://www.novaspace.com/METEOR/Find.html>
2. Say you are going to go out hunting meteorites what are some specific things you should be looking for to make sure you have a meteorite and not just a rock?
3. What tools can you take out in the field with you to help you be more accurate?
4. Opinion Question: Would you consider a career as a meteorite hunter? Why or Why not?
5. Go to <http://www.space.com/15474-supermoon-full-moon-2012.html>

And read about the upcoming super moon.

1. Why will it be this years biggest moon?
2. When will be the best time to capture the super moon?

c. If you would like extra credit take a picture of the supermoon this weekend and either print me a copy or e-mail it to me at hhatfield@usd345.com