



EDGE



What We Learned @ EDGE

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GPS

- A GPS is a Global Positioning System.
- With a GPS you pinpoint spots and the next time you want to go there, the GPS points you in the right direction.
- Boys  GPS

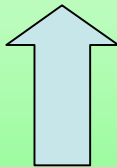
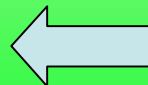
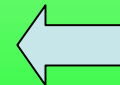
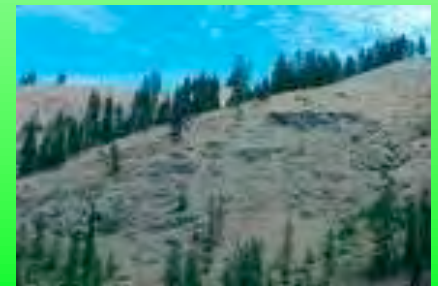
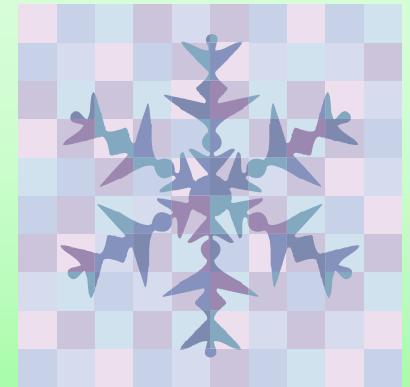
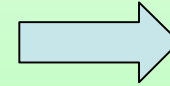
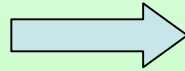


What is GIS?

- A GIS is a Global Information System that gives out global information.
- You can use GIS to analyze map information by making different layers of the map.



Glacier Cycle



Stream Velocity

1. Choose and Measure a portion of a stream. (every part of this project is done in meters.)
2. Time how long it takes a “float” to travel the distance of you stream portion.
3. Multiply the length of the portion of stream and how long it took the float to get down the portion of stream. That number is surface velocity
4. Multiply the stream velocity you just got by 0.85 for friction and you have to average velocity for the stream.
5. Measure the width of the stream.
6. Measure the depth of the stream.
7. Multiply the width and depth together to get the cross-sectional area.
8. To get the discharge, multiply the average velocity by the cross-sectional area.



Why Do Earthquakes Happen?

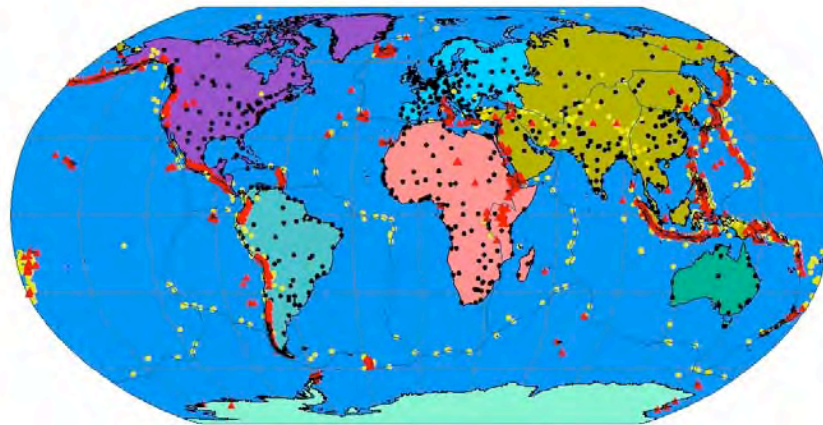
- Earthquakes happen when the tectonic plates shift and slide up against each other.
- Earthquakes mostly happen on the borders of plates.

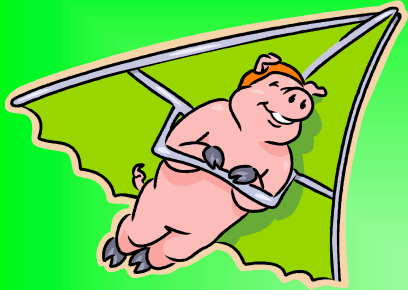




What's a Volcano?

- Volcanoes occur when one tectonic plate slides under the other. The one melts and the molten rock comes up through the Earth's Crust.

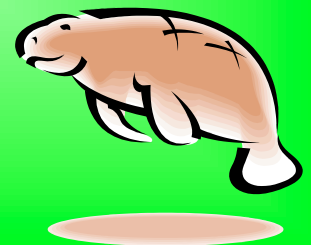


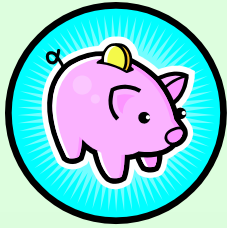


Acquire Skills

Some of the skills that we have acquired are:

- Making Waypoints
- Uploading Waypoints on to the computer
- Putting Waypoints onto a map
- How to spell antidisestablishmentarianism
- Work within attribute tables in Arc Map

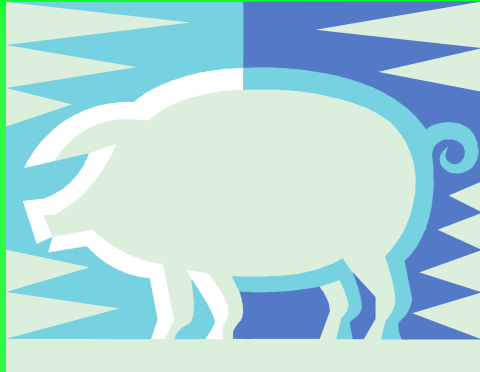




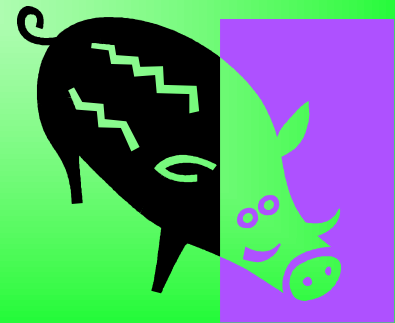
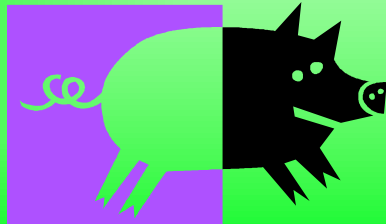
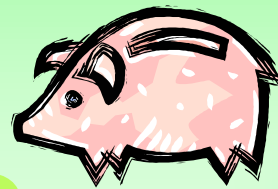
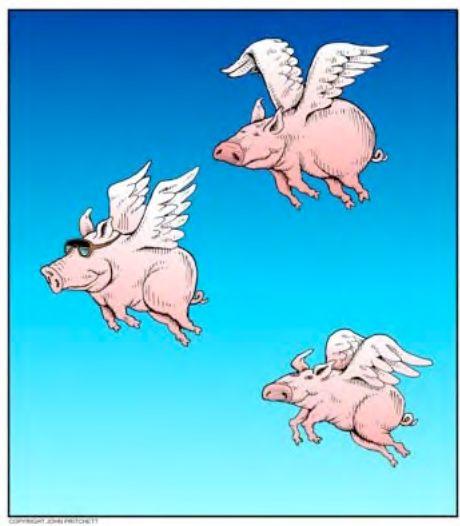
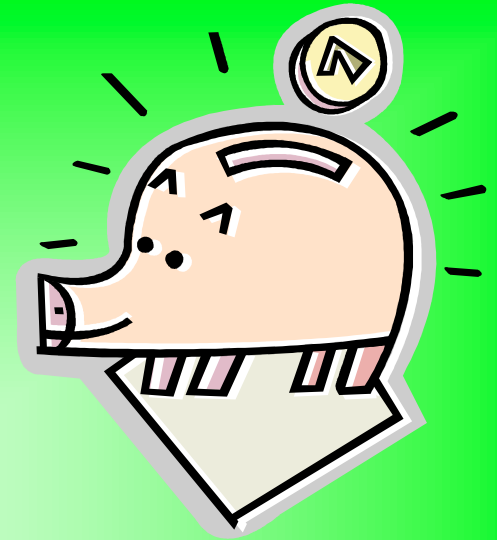
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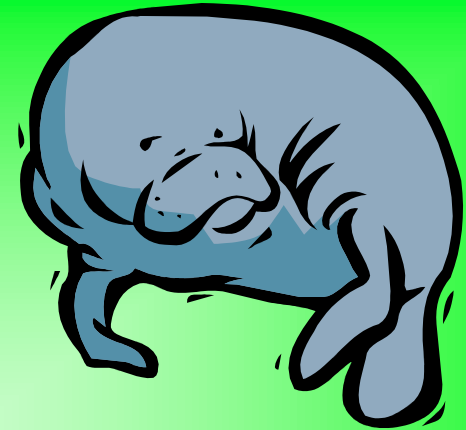
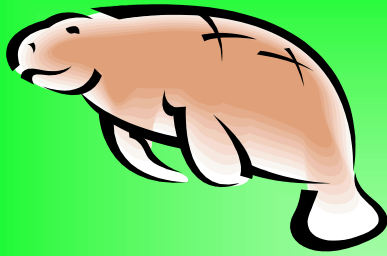


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- Arc Map
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