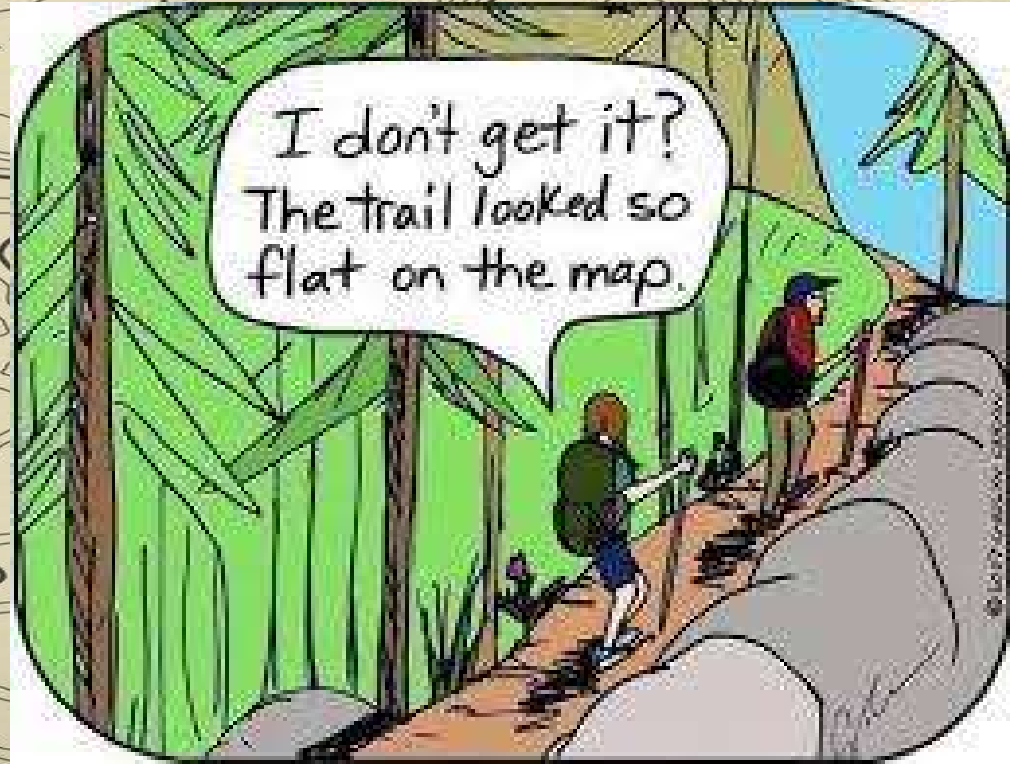


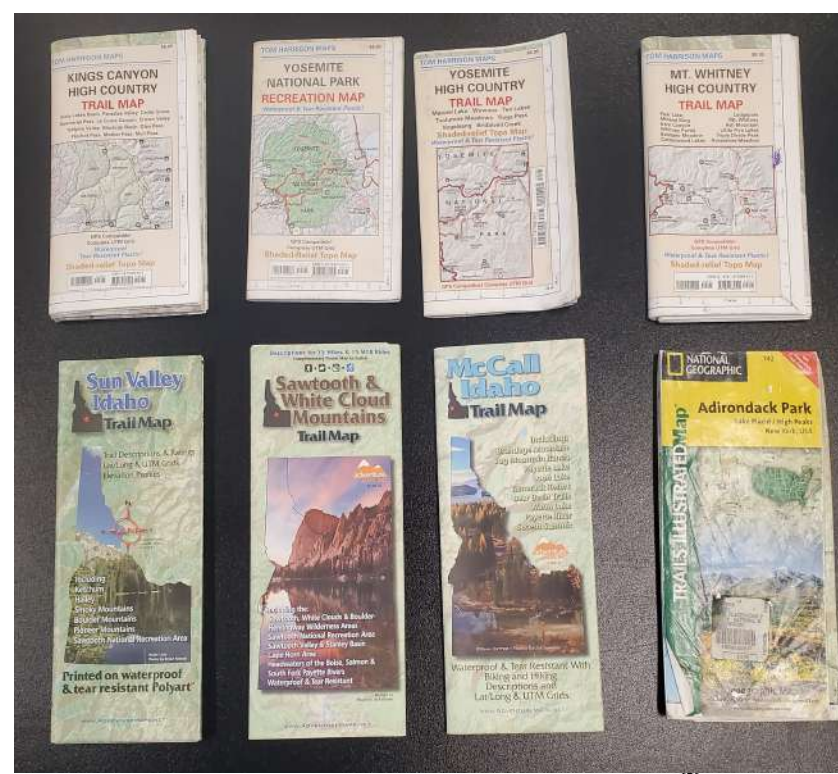
Exploring Topographic Maps Activity



Instructions: Study the map you have been given.

You will be required to insert pictures of map sections into slides 3-8 and then answer questions about those pictures.

Please make sure that your pictures are clear and that they are always oriented to magnetic north.



Trails!



0. Take a picture of the entire map and insert it below.

(Insert your picture here.)

What is the title of this map?

(Type your response here)

Make some observations about what you see.

(Type your response here)

1. Intro Stuff...take a picture of the map legend and insert it below. Then answer the questions below.

(Insert your picture here.)

What is the contour interval of this map? What does that mean?

(Type your response here)

What is the map scale of this map? What does that mean?

(Type your response here)

2. Find two labeled features on the map and insert a picture of them below. Then answer the questions below.

(Insert your picture here.)

How far apart are these features from each other? Explain how you determined this.

(Type your response here)

If you were to travel between these two points, how would the elevation change. Explain.

(Type your response here)

3. Take a picture of a section of the map that has both a flat (or relatively flat) section and a steep section. Then answer the questions below.

(Insert your picture here.)

Identify the steep section. How do you know it is steep?

(Type your response here)

Identify the flat section. How do you know it is flat?

(Type your response here)

4. Take a picture of a river or stream. Then answer the questions below.

(Insert your picture here.)

Which direction is this stream flowing?

(Type your response here)

Cite two pieces of evidence to support this claim.

(Type your response here)

5. Find a segment of trail on the map that goes from a road up to a mountain top and insert its picture below. Then answer the questions below.

(Insert your picture here.)

What is the change in elevation from the road to the summit?

(Type your response here)

What is the distance from the road to the summit?

(Type your response here)

Calculate the gradient from the road to the summit. Show all work.

(Type your response here)