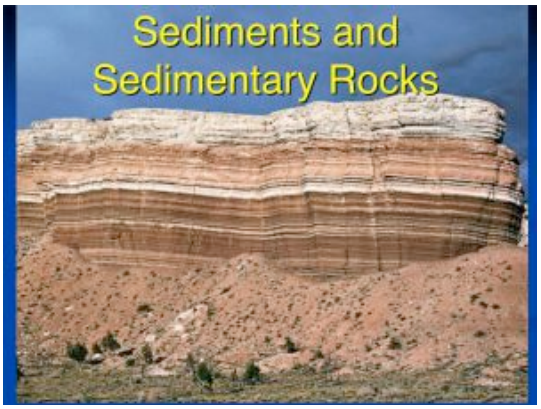
Sedimentary Rock “Edible Lab”



You are about to excavate into the sedimentary layers of this “rock”.

Please remember:
1. Follow your **teacher’s directions** carefully.
2. **Carefully** remove each layer **as you are told to** do. Look for evidence hidden within the layer.
3. Record your findings on this sheet!

Draw the evidence you discovered in each layer. Label it to tell what it is.

Which layer was the oldest layer? _____

How do you know it was the oldest layer? _____

by Ami Barragree 2014

Sedimentary Rock "Edible Lab"

What can we find out about the environment when we examine sedimentary rock layers?

The top layer represents fertile soil that was deposited in Kansas by melting glaciers about 700,000 years ago. It is good for growing crops. It has living creatures, such as _____ in it. Our model's top layer was made of crushed _____ and was _____ in color.

The middle layer represents beach sand and mud that was deposited along the shore as the sea levels rose and fell. In this layer, we found evidence of _____, showing that it was a land environment. Our model's middle layer was made of crushed _____ and was _____ in color.

The bottom layer represents the ancient marine (sea) environment from about 500 million years ago. In this layer, we found a fossilized _____, showing that it was a water environment. Our model's bottom layer was made of _____ and was _____ in color.

by Ami Barragree 2014