You are going to become a teacher! You will be creating a way to teach the other students in our class all about fossils! You can present your information any way you choose: power point, create a play, make a movie, etc. Be creative and make sure all the information is included in your presentation. Remember that you are the teacher, so you want to be clear, make it so people can understand exactly what you are talking about, and thorough. An activity always helps solidify the concept as well. ☺

Here is the information you need to include: (It does not have to be in this order)

1. Describe three ways fossils are formed in sedimentary rock (i.e., preserved organisms, mineral replacement of organisms, impressions or tracks).
2. Research locations where fossils are found in Utah and construct a simple fossil map.
3. Explain why fossils are usually found in sedimentary rock.
4. Based on the fossils found in various locations, infer how Utah environments have changed over time (e.g., trilobite fossils indicate that Millard County was once covered by a large shallow ocean; dinosaur fossils and coal indicate that Emery and Uintah County were once tropical and swampy).