**Teacher: Ferrah Houssam Addin**

**Field: geology**

**Level: l1, l2, l3**

**Pre reading.**

**Vocabulary**

1. made up: مكونة
2. chemical compositions:التركيبات الكيميائية
3. structures: الهياكل
4. properties of a substance : خصائص المادة
5. magnetic forces: القوى المغناطيسية
6. electrical forces: القوى الكهربائية
7. gravitational force:قوة الجاذبية
8. landforms: التضاريس
9. branches:الفروع
10. Mineralogy:علم المعادن

**What is geology?**

When people think of geology, they usually think of rocks and fossils. However, geology is actually a very large field of study. The knowledge of geologists ranges from rocks and fossils to the moon and other planets (Hammonds 7-8).

Geologists use a variety of subjects in their work, but the sciences and math are the most important. Some of the sciences geologists study are physics and chemistry (12). English is also a subject that geologists use when communicating with other scientists, the media, and the public (12) . Because of these tasks, it is important for geologists to have a wide knowledge of these different subjects.  
Besides these subjects, there are some things that every geologist should know. Most of these things are laws and rules about how the Earth is made up and how it works. These include chemical compositions, structures, and properties of a substance. Knowing what the magnetic, electrical, and gravitational forces are is also essential. Geologists have to know the methods for describing landforms, the sea, and air masses. This is helpful when working in the field. Geologists can describe what they see better and present it to others in a clearer way. As with anything, knowing the history of the study is also important. Geologists need to know historical events, their causes, indicators, and impact.  
The field of [geology](https://www.123helpme.com/topics/geology) has many different branches. Some of these areas have hardly anything in common. The one thing that they all include, though, is that each one concentrates on some part of the Earth, its makeup, or that of other planets. Mineralogy, the study of minerals above the Earth and in its crust, is different from Petrology.

Geology is a great profession because it has so many areas and branches. There is something for anything that you are interested in regarding the Earth and/or its history. Geologists get to travel to cool places and see cool things. They are paid to spend time in remote and beautiful locations. They are not stuck in one place, because they work in the field, the laboratory, and the office. Being a geologist comes with a lot of work and responsibility, but there are so many rewarding aspects that it is completely worth it.

Questions:

* What is geology?
* What are the important subjects in geology studies?
* What is mineralogy?
* Do geologists work in one place? If not, name other places.