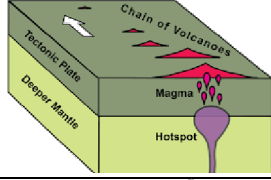
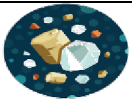


## Vocabulary of lesson 1: effect of geosphere

| Vocabulary                     | Definition                                                                               | picture                                                                               |
|--------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Geosphere<br>الغلاف الصخري     | the layer of <b>solid and molten rock</b> , dirt, and soil on Earth                      |    |
| Atmosphere<br>الغلاف الجوي     | the <b>gases</b> that surround Earth                                                     |    |
| Biosphere<br>الغلاف الحيوي     | the layer of Earth in <b>which living things</b> exist and interact                      |    |
| Molten rock<br>الصخور المنصهرة | very <b>hot melted rock</b> found in Earth's mantle.                                     |   |
| Hot spot<br>النقطة الساخنة     | hot spot an area where molten rock from within the mantle rises close to Earth's surface |  |
| Volcanoes<br>البركان           | volcano an opening in Earth's crust where melted rock or gases are forced out            |  |
| Landslide<br>الانهيار الارضي   | the sudden movement of rocks and soil <b>down a slope</b>                                |  |
| Minerals<br>معادن              | minerals solid, non-living substances found in nature                                    |  |

|                                                                      |                                                                                                                                                                                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Fault-block Mountain</b></p> <p>جبل حدث له صدع وكسر من قبل</p> | <p>A type of mountain that formed when there is <b>a break</b> in the crust then two plates are pulled ( tension), one side of the boundary <b>moves up and the other side moves down</b></p> |
| <p><b>Folded mountain</b></p> <p>جبل مطوي</p>                        | <p>A type of mountain that formed when plates are <b>pushed together</b></p>                                                                                                                  |
| <p><b>Volcanic mountain</b></p> <p>جبل بركاني</p>                    | <p>A type of mountain that formed when one plate <b>is pushed below</b> the other and heated forming magma rises through hot spot</p>                                                         |
| <p><b>Active volcano</b></p> <p>البركان النشط</p>                    | <p>Is a type of volcano that is <b>currently erupting or has recently erupted.</b></p>                                                                                                        |
| <p><b>Dormant volcano</b></p> <p>بركان خامد غير نشط</p>              | <p>Is a type of volcano that has not erupted for some time but scientists think <b>may erupt in the future.</b></p>                                                                           |
| <p><b>Extinct volcano</b></p> <p>بركان منطفئ</p>                     | <p>Is a type of volcano that scientists think will <b>not erupt again</b></p>                                                                                                                 |



|                                                                   |                                                                                                  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Mudslide</b><br>الانزلاق الطيني                                | Occurs when a lot of mud flows down a slope                                                      |
| <b>Humus</b><br>مادة عضوية نتيجة تحلل النباتات و الحيوانات الميتة | Non-living plant or animal that added to the soil as nutrients for plants to grow by decomposers |
| <b>Magma</b><br>مادة منصهرة                                       | molten rock found beneath( under) the Earth's surface in mantle and core                         |
| <b>Lava</b><br>الحمم البركانية                                    | magma that has reached and flows on the Earth's surface.                                         |

