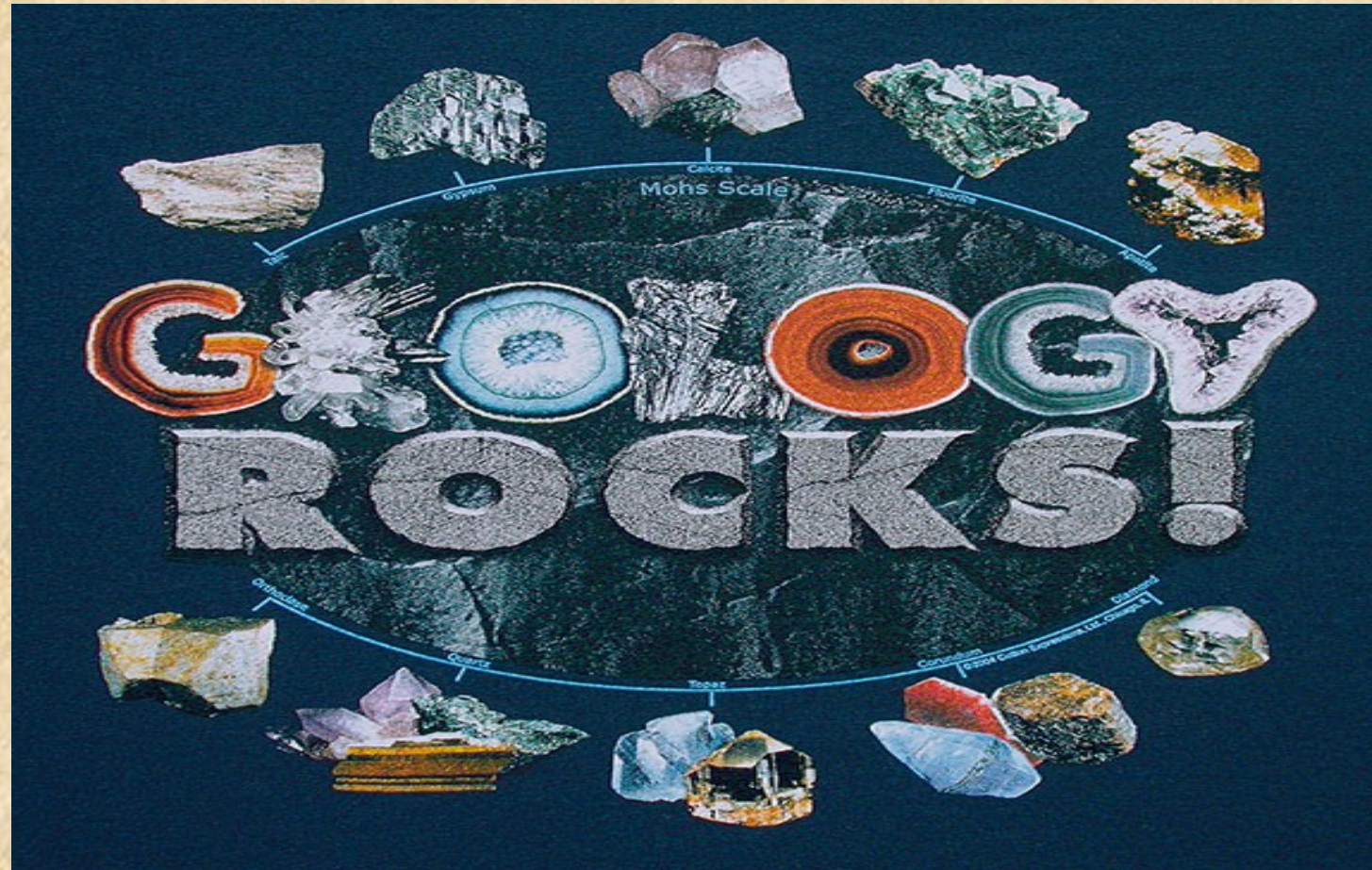


# 8 ROCKS



# IN THIS LESSON WE ARE GOING TO

- **revise** the vocabulary from the previous lesson
- **give feedbacks** and **learn from the feedbacks**
- learn new grammar (**nominalization**)
- talk about **rocks** and **rock cycle**
- learn **new vocabulary**

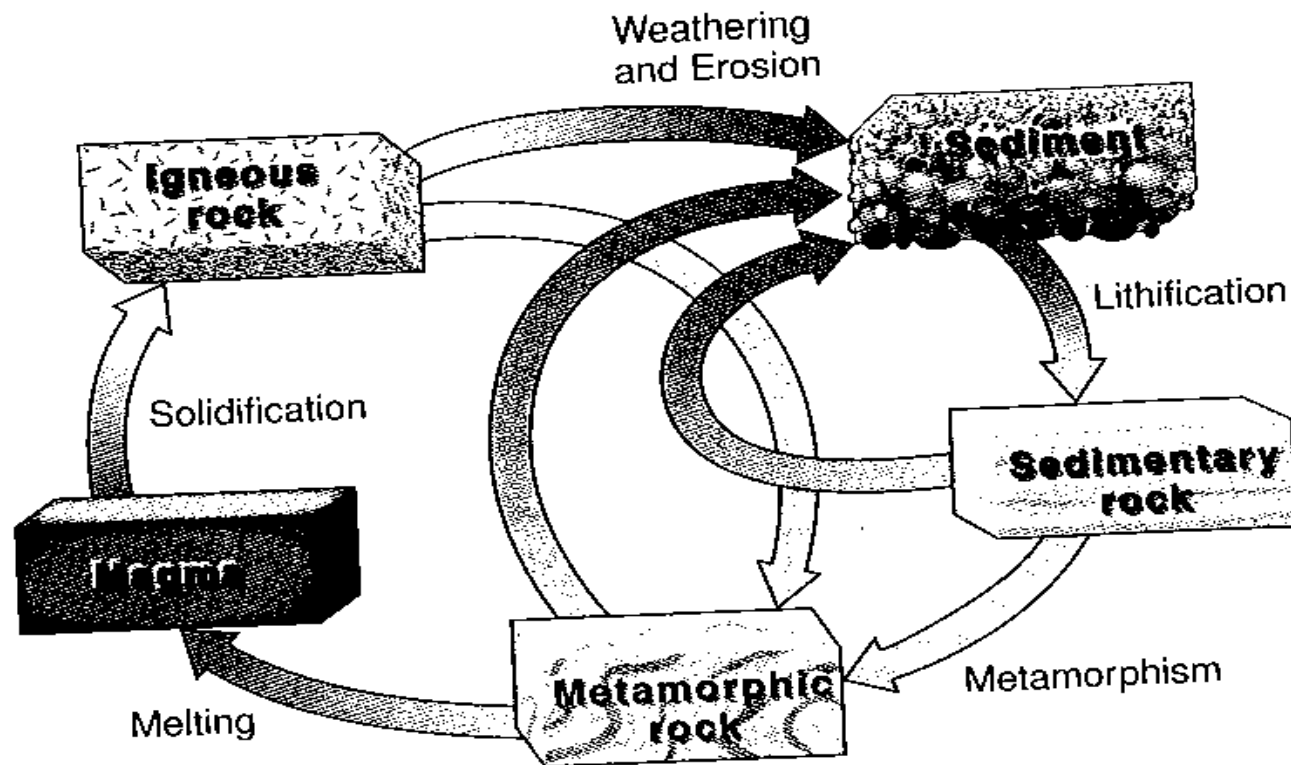


# DISCUSS

Decide whether the following processes are natural, man-made, or a mixture of both

- the eruption of a volcano
- an avalanche
- landslide
- fossilization

# ROCK CYCLE



**Figure 9.27**  
The rock cycle.

# VOCABULARY

to break down

to form

to become

to interact

to solidify

to be exposed

to

to undergo

to be

transported

to be deposited

to lithify

to be buried

to increase

to melt

to cause

to result in

to be moved

to be caused by

to be formed

react

# LISTENING

- What results in a metamorphic rock?
- What is the difference between regional and contact metamorphism?
- What is formed from a limestone when it undergoes metamorphism?
- How is plate tectonics related to metamorphism?
- What happens at subduction zones?



# NOMINALIZATION

*Use the underlined nouns as verbs and transform the following expressions: A limestone formed from the accumulation of clam shells = A limestone formed from the clam shells which were accumulated.*

- Coal is an organic rock that forms from the compression of plant remains ...
- This reflects the slow cooling and solidification of magma.
- Sedimentary rocks are deposited by the

# SOURCES

- <http://www.cottonexpressions.com/media/ecom/prodxi/100-65-1.jpg> (picture)
- <https://www.youtube.com/watch?v=bjMEIxuaDUA> (video)
- <https://www.youtube.com/watch?v=gzOWwwjGlqk> (video – metamorphic rock)
- McGeary, David. *Physical Geology*. 4th Edition. McGraw-Hill. New York 2001
- <http://aeo.sllf.qmul.ac.uk/Files/Nominalization/Nom%20LOC.html> (grammar and exercises)