

# HOW IS THE SOIL FORMED?

«KEEP CALM AND USE CLIL»

# LET'S WATCH THE VIDEO

## «ALL ABOUT SOIL»

<https://www.youtube.com/watch?v=I3A7OnTlSM8>

# PHYSICAL , CHEMICAL, BIOLOGICAL AGENTS



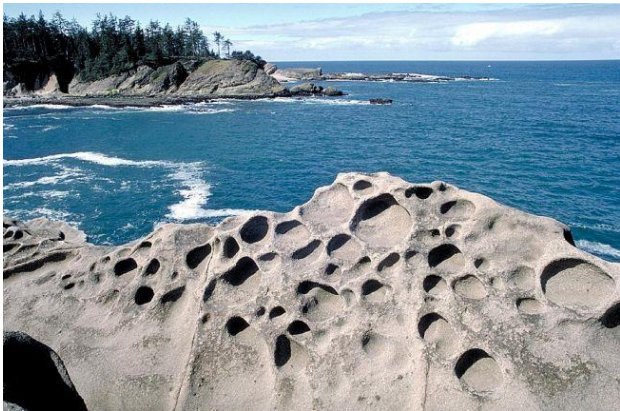
**WATER – RAIN  
DIG THE ROCKS**



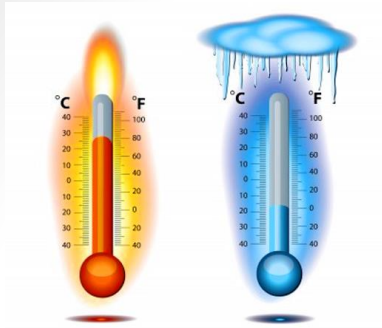
**ICE – SNOW  
BREAK THE  
ROCKS**



**WIND – SUNRAYS  
(EROSION)**

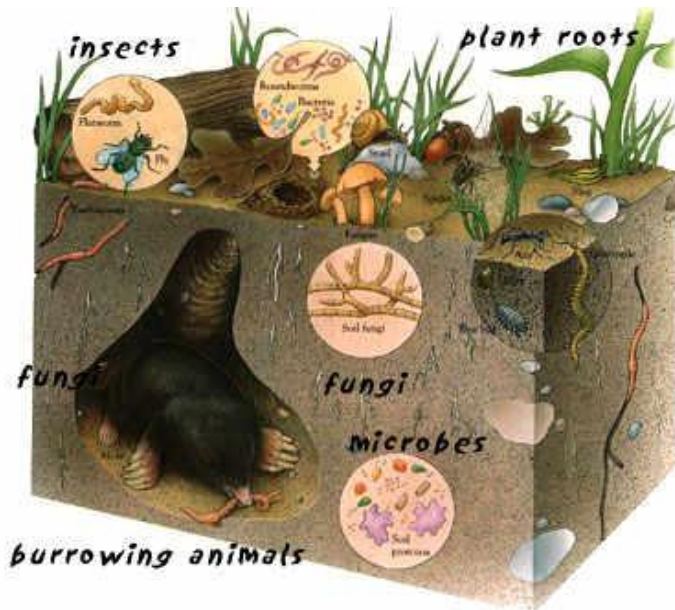


**WATER  
DISSOLVES  
MINERALS**



# TEMPERATURE CHANGES

**BIOLOGICAL  
AGENTS** (plant,  
animal, bacteria, ...)



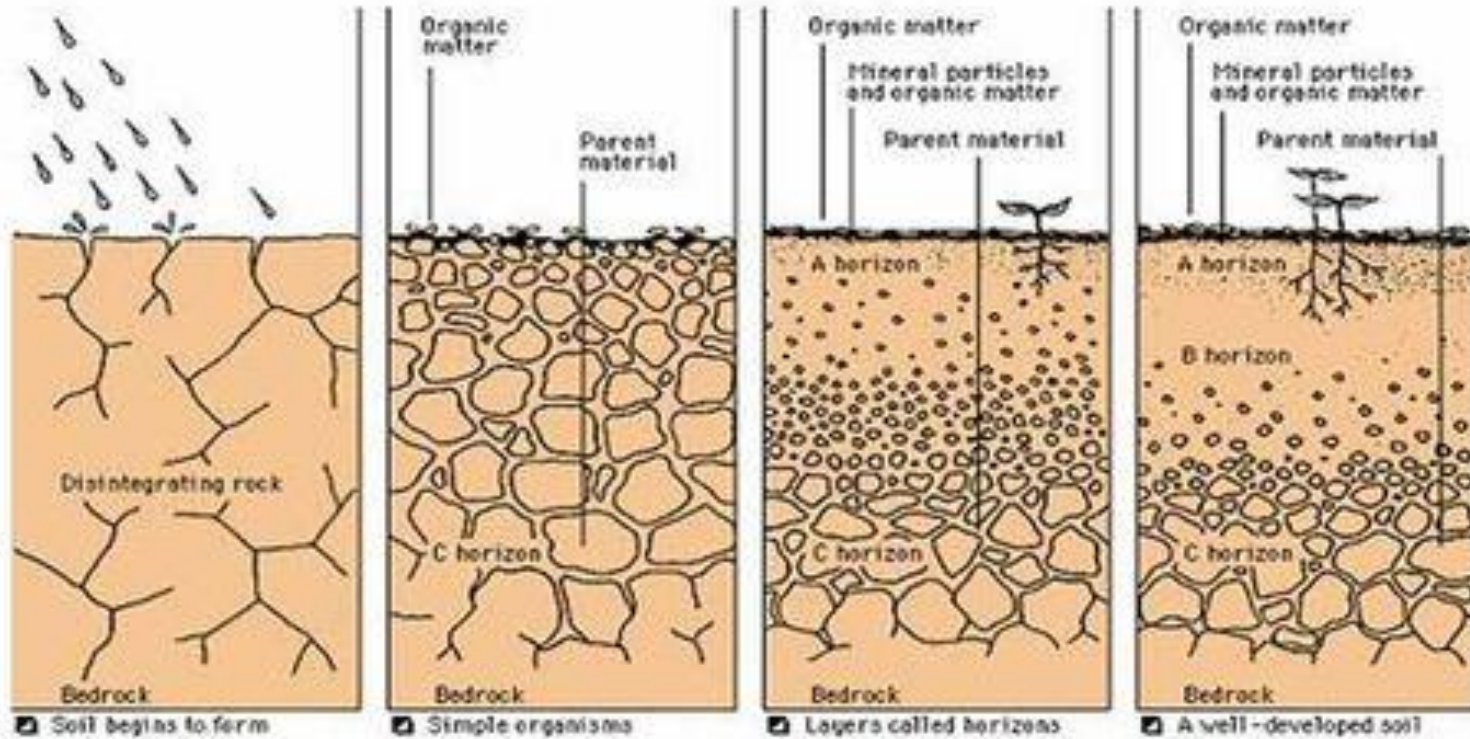
**EXERCISE: MATCH THE FACTORS  
OF SOIL FORMATION WITH THEIR  
FUNCTION**

**WIND, WATER, ICE, SUNRAYS,  
TEMPERATURE CHANGES, PLANT AND  
ANIMALS, SOME ANIMALS.**

- 1) ....., ....., ..... AND ..... BREAK SOLID  
ROCK INTO SMALLER PIECES.
- 2) ..... AND ..... TURN HARD MINERAL INTO SOFT  
ONES.
- 3) ..... AND ..... ADD ORGANIC MATERIAL IN THE FORM  
OF WASTE PRODUCTS AND DEAD ORGANISMS.
- 4) ..... HELP CIRCULATE AIR AND WATER THROUGH  
THE SOIL.



# TIMELINE OF SOIL FORMATION



ALL MATERIALS, VIDEOS AND IMAGES ARE FOR DIDACTIC PURPOSES ONLY.