

WHAT IS THE EARTH MADE OUT OF?



LIST AS MANY THINGS AS YOU
CAN THINK OF:

THE 4 MAIN EARTH MATERIALS ARE:

1. _____



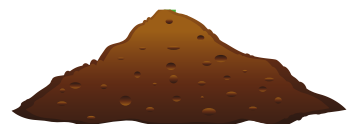
2. _____



3. _____



4. _____

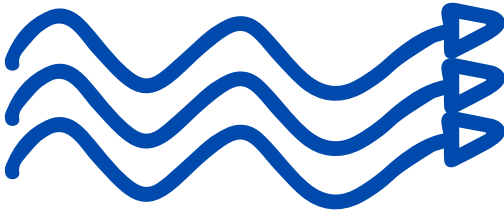


OVER MILLIONS OF YEARS, THE EARTH HAS
CHANGED A LOT!

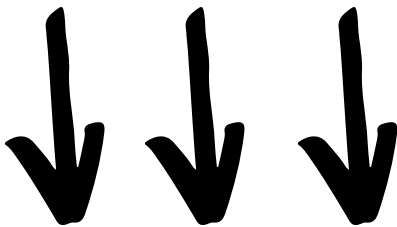
HOW DOES THE EARTH CHANGE?



1. _____, WHICH
MEANS TO _____.



2. _____, WHICH
MEANS TO _____.



3. _____, WHICH
MEANS TO _____.

LET'S TAKE A HIKE!

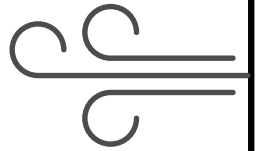


FILL IN YOUR SHEET AS YOU FOLLOW YOUR RANGER ON THEIR HIKE!

WHAT NATURAL MATERIAL HELPS STOP EROSION NEAR CREEKS?



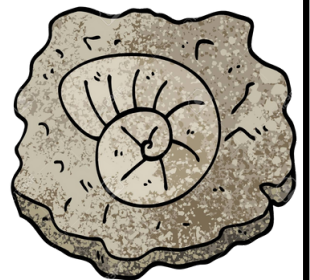
GIVE AN EXAMPLE HOW AIR CAUSES WEATHERING:



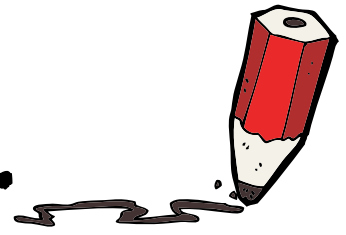
WHAT PROCESS CREATED THE ROCK ISLAND ON THE HIKE? DESCRIBE THE PROCESS.



WHAT IS THE DIFFERENCE BETWEEN A ROCK AND A FOSSIL?



CREATE A STORY...



USING YOUR IMAGINATION, WRITE A CREATIVE STORY ABOUT EARTH MATERIALS CHANGING OVER TIME. USE THE WORDS BELOW...

ROCK

SOIL

AIR

WATER

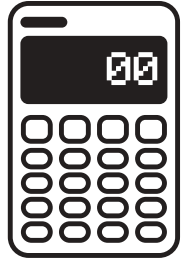
WEATHERING

EROSION

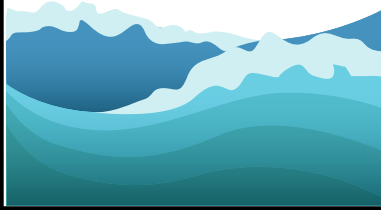
DEPOSITION

ONCE UPON A TIME...

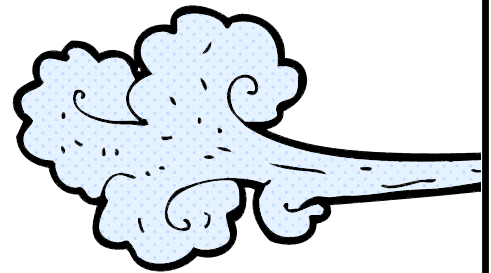
CALCULATIONS!



There is a flood on Floyd's Fork Creek. On Monday, the water rose 20 feet. On Tuesday, it rose another 7 feet. But by Wednesday, the water level fell 13 feet. What is the water level now?



There is a severe windstorm today. This storm is 3 times stronger than the last storm. If the winds in the last storm were 24 miles per hour, how fast are the winds in this storm?



The creek drops about 16 rocks every hour. How many rocks does the creek drop in one day?

