



ROCK EXERCISES

- You have decided to become a “Rock hound” (rock collector). What types of equipment do you need to study the rocks? List them below. Don’t forget to include a waterbottle and snack & a notebook for recording results.

- Rocks often have remains or traces of an animal or plant from long ago. These are called fossils. Make your own fossil using plasticine and a shell or small toy that you can press into it. Imagine what this creature would eat, how it would travel, what other creatures lived with it. These are all questions scientists ask when they find a new fossil shape.

- Using the word ROCK, write a poem.

R -

O -

C -

K -

- Choose a rock from your backyard. Think of 2 ways you might use the rock if you had to survive for 2 days on your own. Draw 2 of your ideas.

- What is the famous rock formation that surrounds this area of Hamilton?

- Unscramble the 3 main types of rocks:

Dseyemtarni

Niguoos

letammphorc

- **There are many elements that are found in rocks and minerals. Some of these elements are found in your home. Match the object with the element.**

Potassium = B A ____ A ____ A

Sodium = S ____ ____ ____

Aluminum = ____ ____ ____ of Pop

Calcium = ____ ____ ____ ____

- **Match your scramble to these 3 categories:**

Born from the centre of the earth:

Layers of rock formed from sediments:

Changed through heat and pressure:

- **Long ago ice covered the entire Dundas Valley. This was the Ice Age. Now, many creatures call this area home. Look for tracks in the mud or in your garden earth from one of those creatures. Draw the tracks you have found and the creature which you think made them.**
- **Make up a “rock” song to the tune of : If you’re happy and you know it. When you are finished creating your rock song, sing it and video your performance on your phone.**
- **Consider if you were a massive rock-eating creature. Now, create a “Rocky” food such as a type of cookie or dinner dish or desert that you would eat. Explain how you would make it, and what rocks you would choose.**
- **Some of the action of water on rocks has created caves. Who or what lives in caves? Circle Your Answers:**

Bats Spiders Beetles Cattle Moths Centipedes Millipedes People

Salamanders Frogs Snakes Bears Batman Sheep Crickets Elephants