Earth Science Scavenger Hunt at Black Rock

Try to identify as many of the objects or phenomena on the list below by walking along the main hiking path. In some cases, you may be able to take a sample as proof (a leaf a rock type, etc) whereas in other cases you will have to provide a detailed drawing. Sample can be kept in your paper bag. You may not, as a group, lose site of the path – ever!

- Cloud Formations – Identify and draw as many different cloud formations as you can see
- An example of surface tension in action
- Examples of any of the three major types of rocks we have discussed. Bonus if you can correctly identify the specific type of rock.
- An example of erosion
- An example of deposition
- An example(s) of physical weathering
- An example of biological weathering in action
- A natural spring (water emerging from rock or the ground, not connected with a stream or lake)
Discarded trash left behind by someone else (pick it up and take it back with you!)

An example of kinetic energy that could be transferred into electrical energy

An example of something in nature that is ductile

Identify samples of any of the following plant and tree species. Be very careful when taking a sample leaf. Only take one and do not harm the branch in any way.

- A hemlock cone
- A Tamarack needle
- A spruce needle
- A pine needle
- A cedar needle
- An Oak leaf – bonus if you can identify the specific type of oak (there are several)
- A maple leaf
- A chestnut leaf
- A hickory leaf
- A birch leaf
- A beech leaf
- A witch hazel leaf