**Nature Journal: Lichens**

Now that you have learned a little bit about lichens, you are going to explore GHS campus to locate at least two kinds of lichen. In your notebook, record the following:

**Hypothesis:** Where on GHS campus do you expect to find the most lichens? What kind of lichens do you expect to find?

**Data:** Locate at least two different kinds of lichen and for each, do the following:  
 1. Create a large diagram of the lichen, including colors indicated or drawn   
 on your picture. Indicate if your lichen is crustose, foliose, or fruticose.  
 2. Describe the habitat in which you found the lichen  
 3. What does this lichen indicate about the environment in which it was   
 found?

**Conclusion Questions:** Answer the following in complete sentences.  
 1. What are lichen? Describe their biology in at least three sentences.  
 2. Describe the symbiotic relationship between lichens and the algae within   
 them.  
 3. Talk to two other groups about the lichens they found. Compare results   
 and record what overall trends you all observed.  
 4. What does the presence of lichens indicate about a habitat’s air quality?