

## **Citizen Science**

In our program students are expected to participate in environmental science. The students will become scientists conducting investigations, making observations, and collecting, analyzing and sharing real data. This concept of “citizen science” is a huge part of our program. Students will participate in **Project FeederWatch**, collecting and sharing local bird data with Cornell University. From November through April students will observe birds visiting our own birdfeeder station. We will work with the **World Water Monitoring Challenge**. Students will continually test the water in our stream and share our data with a worldwide network. Our program has been selected to participate in the **GO3 Project** funded by a grant from the **National Institute of Environmental Health Sciences**. Moore Traditional School is the only school in Kentucky to ever be selected to take part in this project. Through the GO3 Project we will use air pollution monitors to collect data on ozone and black carbon. Students will make “treks” to test the air on campus and around our community to conduct investigations. Our data will become part of the GO3 Project global database linked to Google Earth. Students are practicing the science of atmospheric chemistry while helping to build the world’s first citizen database for air pollutants.