

# Natural Resources

## Nottingham CTE Pathway

**The Career Field:** The Earth is more than just the ground underneath us; it's our greatest natural resource. Natural resource professionals use their knowledge of the natural sciences to protect the environment and human health and make connections between the natural world and the human population.

Employment in this field is projected to grow 11 percent from 2014 to 2024, faster than the average for all occupations.



**The Program:** The program develops an integrated view of the biological, ecological and social dimensions of the environment. In addition to academic course work, students have the opportunity to learn about careers through guest lectures and field trips to businesses, industry and government agency partners as well as participating in many field work and citizen science projects. Students enrolled in this pathway will acquire a variety of skills including:

- » Planning and design
- » Conservation management and environmental health
- » Bioprocess engineering, biotechnology, chemistry, land surveying, and park maintenance
- » Ecology and population studies
- » Wildlife and Plant ID and conservation studies



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### Career Opportunities

- » Environmentalist
- » Agriculturalist
- » Environmental Engineer
- » Hydrologist
- » Environmental Educator
- » Zookeeper
- » Natural Science Manager
- » Recycling Specialist
- » Wildlife Biologist
- » Waste Manager
- » Fisheries Manager
- » Civil Engineer
- » Soil Scientist
- » Urban Planner
- » DEC Officer

### College Partners & Certificates

- » Onondaga Community College
- » SUNY Environmental Science and Forestry
- » NYS Certified Nursery and Landscape Certification

### Business Partners

- » C&S Companies
- » Onondaga County Resource Recovery (OCRRA)
- » Fenner Renewable Energy Education Center
- » Syracuse Real Food Co-op
- » Onondaga Earth Corps

### Who

Any SCSD 8<sup>th</sup> grade student may apply to the Natural Resources CTE Pathway at Nottingham High School.

### Cost

There is no cost to for the Natural Resources CTE Pathway.

### Where

Students in the Natural Resources CTE Pathway will attend Nottingham High School.

### Apply

During the 8<sup>th</sup> grade year, students apply online at [www.scsd.us](http://www.scsd.us) or in person at the **Student Registration Center (1005 W. Fayette St.)**.

All applicants (accompanied by a parent or guardian) must complete an in-person interview with Nottingham staff.



Are you interested in nature,  
science and the world  
around you?  
Do you want to help make  
the world a better place?

**The Natural  
Resources  
Pathway at  
Nottingham may  
be for you!**