

Natural Resources

Tom Ostler, Instructor
ostlert@hartfordschools.net

Our mission in the Natural Resources program is to expose and get students excited about outdoor-related careers. The six main areas of our curriculum are forestry, natural history, diversified agriculture, horticulture, water and soils. Safety, equipment usage, and teamwork are very large parts of the program as well. Students participate in leadership training and regional competitions through FFA. Hopefully after two years in the program, students find an area of high interest, and take steps to secure a job or further their education in a related field. Examples of careers that Natural Resources students have pursued include: arborist, forester, farmer, water management, heavy equipment operator, land management, landscaping, conservation law enforcement, and outdoor recreation, among many others. Many of our alumni go on to employment in state positions and local municipalities. Come visit us and see all the things we do.

Concurrent Enrollment for College Credit:

Burls to Boards, 3 credits, Vermont Technical College

Industry Certifications:

Chainsaw Safety; CPR/AED and First Aid; Game of Logging I and II; and Conover® Workplace Readiness.

Embedded High School Credit: Science

Articulation Agreements:

Paul Smith's College; SUNY Cobleskill; Keene State College; University of Maine - Fort Kent.



Units of Study:

LEVEL I

- Workplace Safety, SDS, and Teamwork
- Forestry Technology and Math
- Heavy Equipment Safety and Operation
- Study of Wildlife and Nature
- Chainsaw Safety
- Log Cabin Building
- Water
- Glaciers
- Land Measurement & Mapping
- Maple Syrup Industry
- Digital Assessment Tool

LEVEL II

- Safety
- History
- Wood and Forest Industries
- Soil Composition and Quality
- Tree and Insect Identification
- Game of Logging Certification
- Winter Forestry
- Horticulture and Greenhouse Operation
- Digital Assessment Tool
- Community Service