

Sunburst Trout



About Sunburst Trout Farms

- 3rd Generation Trout Farm
- Founded in 1948 as Cashiers Valley Trout Farm
- Produces sustainably raised trout free of pesticides
- Sell trout commercially and to individuals, as well as value-added products
- Deliver overnight and locally-shipping to all of the US except Alaska and Hawaii
- over 30,000 customers



How STEM is utilized at Sunburst Trout

At the Farm

Maintain a constant temperature

-Maintaining proper feed ratios

-Trout take 18 months to reach maturity in WNC

-Engineering needed for fish run

-Maintaining proper water pH



At the Processing Facility

-Tanks allow for fresher processing

-Tanks would allow for faster growth for new start-ups

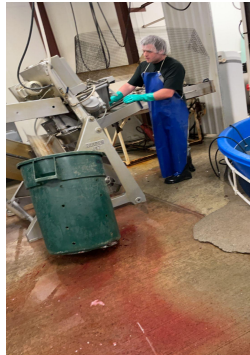
-Precision and training needed for processing machines and trimming

-Math is needed for accounting and sales

-Monitoring for contaminants and food safety in finished products

-Training for smoker to maintain proper temperature and food safety

-Understanding chemicals used for clean-up



Ways to use Sunburst Trout in the classroom

- In chemistry, physical science, and biology show pH and temperature applications in the real world
- Use as example for sustainability in the environment for Earth Science and Biology
- Incorporate into Supervised Agricultural Experience
- Create a marketing plan/Advertisement for a “Fish Farm”
- Business and Accounting aspect of how to run an independent business.

