

Green Sustainable Design & Technology

A new middle and high school exploratory course from Career and Technical Education



Introducing students to career opportunities in the new, green economy



Green Sustainable Design & Technology students will learn about:

- Principles of sustainability
- Impact of human activities on sustainability
- Sustainable transportation technology and systems
- Sustainable power generation technology and systems
- Sustainable resource, materials and waste management
- Sustainable agricultural systems
- Sustainable ecosystem management
- Sustainable design and construction
- Sustainable manufacturing practices
- Healthy homes and communities
- Sustainability in the work place
- Roles in building sustainable communities
- Career paths in sustainability – postsecondary options

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Growing sustainability through career education

- Green jobs are on the rise, and will not be sent overseas.
- Federal investment in green energy will create jobs that pay well.

If we want to aspire to be one of the greenest states in America, with green technology and green jobs, school is where it starts. We set a goal of 20,000 green jobs by 2020. We already have 47,000! A couple of years ago we said, we need to invest in wind, and so we gave an economic incentive. Today, we are the fifth-largest producer of wind power in America. That's thousands of jobs! I believe that's what starts in Career and Technical Education — the ability for us to look at 21st century, new-economy jobs, and to give good jobs to our own students.

Gov. Chris Gregoire



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CTE Handout/Green Technology

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