



WOOSTER SUSTAINABLE RESOURCE ACADEMY (WSRA)



Courses with emphasis in

- Renewable Resources: solar, wind, geothermal energy
- Energy efficiency/energy transfer
- Sustainable agriculture/culinary arts: maintaining a garden, hydroponics, aquaponics, composting

WSRA coursework will include hands-on projects with an emphasis on Sustainable energy:

- Build a steam engine / wind turbine / solar generator
- Design a building - perform efficiency/cost analysis

Sustainable agriculture:

- Set up hydroponics system, build a greenhouse; maintain a garden
-

Benefits of WSRA

- Provide a world view in today's global economy
- Teach practical skills in sustainable living practices
- Prepare students for a 21st century career in renewable energy
- Provide certification in several construction and technical fields including solar energy, geothermal power, electrical systems, construction safety and culinary arts
- Provide credit toward a degree in Renewable Resources at TMCC
- Provide a path toward a degree in Science, Engineering or Public Policy at UNR

If you have any questions, please contact Wooster High School

Mike Nakashima: 321-5002 or email: mnakashima@washoeschools.net

Erin Danielsen: 321-5016 or email: edanielsen@washoeschools.net

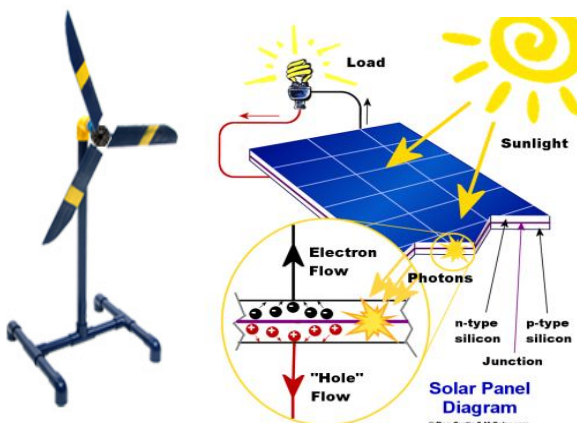
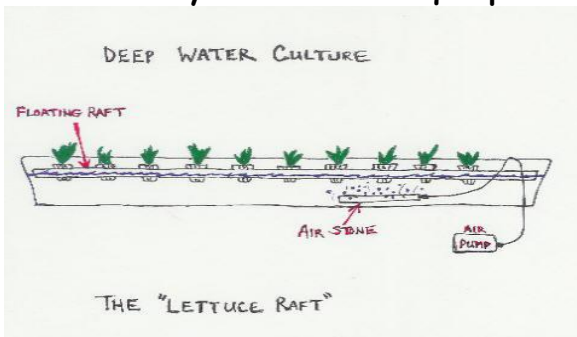


WSRA

WOOSTER SUSTAINABLE RESOURCE ACADEMY

If you are interested in obtaining job skills that will help you get ahead in life and also help the environment, WSRA will be offering courses in:

- Introduction to Sustainability
 - reduce your carbon footprint
- Culinary arts
- Sustainable food production
 - Community gardening
 - Hydro- and Aquaponics



- Alternative Energy Sources:
 - Geothermal, solar, wind and hydroelectric
- Electrical circuits and mechanical systems
- Energy transfer and turbines
- Use of power tools/Hands-on labs