



50 WAYS TO INCLUDE SCIENCE, ENGINEERING, OR TECHNOLOGY IN 4-H SERVICE LEARNING PROJECTS

- 1 Host a community science fair
- 2 Create a GIS disaster evacuation map and present it to the City Council
- 3 Plan a science career fair at your school
- 4 Become a nature guide at an arboretum or park
- 5 Research and present on a hot science topic to a community organization
- 6 Tutor as part of an organized science or math program
- 7 Plan a youth engineering challenge event
- 8 Start a science education program at an afterschool program
- 9 Promote environmentally safe ways to control household pests
- 10 Design, build, and plant a community garden
- 11 Organize a drive to paint 'No Dumping' signs on storm drains
- 12 Offer to help local scientists with their research
- 13 Develop a public display that highlights local community scientists
- 15 Identify the source of your city's electricity and advocate for more renewable sources
- 16 Take children on a visit to a local science center
- 17 Host a 'Meet a Scientist' or 'Meet an Engineer' night
- 18 Organize a stream or beach cleanup and conduct water quality testing
- 19 Educate others about engineering careers
- 20 Collect animal or plant specimens for environmental groups
- 21 Educate others about proper ways to recycle electronic equipment
- 22 Partner with a local science center to offer public science days
- 23 Share the science behind proper nutrition at a healthy living event
- 24 Advocate for environmental protection to local and county governments
- 25 Host a public 4-H National Youth Science Day event
- 26 Work with a wildlife refuge to build environmental preserves
- 27 Start a reforestation campaign in places ravaged by wildfire
- 28 Educate others about the risks of online identity theft



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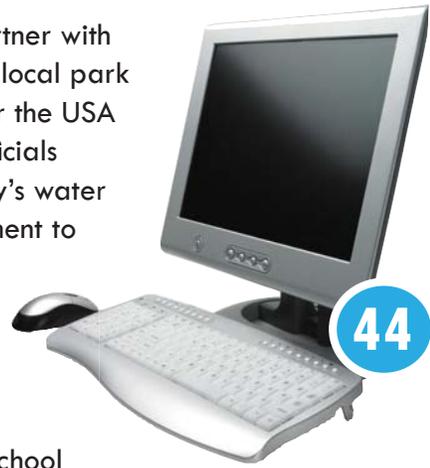
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The projects listed are creative ideas to get you started and are not necessarily stand-alone service learning projects. To learn more about service learning, visit www.ca4h.org/Projects/Citizenship/ServiceLearning.

- 29 Coordinate a GPS project to map local sources of fresh fruits and vegetables 30 Partner with the Parks and Recreation Department to determine the optimal playground layout for a local park
- 31 Film a documentary of favorite places in your community 32 Plan a satellite event for the USA Science & Engineering Festival 33 Create environmental plan and present to elected officials
- 34 Learn about and help prevent urban runoff 35 Collect and analyze data on your city's water usage to share with a water resource board 36 Offer to design and conduct an experiment to solve a community issue 37 Design a website for local nonprofits 38 Help residents learn about native plants
- 39 Conduct energy use audits for local businesses 40 Create a botanical zoo for blind persons 41 Present a 'Talk Like a Scientist' workshop to introduce youth to scientific instruments 42 Assemble family science backpacks for kids at your school
- 43 Build historical devices that illustrate principles of engineering for a local museum 44 Hold a computer and email workshop for seniors 45 Partner with local veterinarians to learn about and help stray cats and dogs 46 Host a star gazing evening with telescopes
- 47 Perform a skit about the scientific process during a school assembly 48 Create a public display about the geology beneath your town 49 Report on the historical economic trends of your city 50 Develop a reading program that uses literature to teach about science



The Revolution of Responsibility is a movement for positive change in every county across California. 4-H youth are a living, breathing, culture-changing revolution for doing the right thing, breaking through obstacles and pushing our country forward by making a measurable difference right where they live. California 4-H is celebrating its first 100 years by creating 1,000 service projects in 4-H communities across the state. Up to \$1,000 will be available to support each project. Want to be part of the Revolution? Visit www.ca4h.org for more information.

University of California 4-H Youth Development Program

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