



Take Care of Oregon Days Project Ideas

Project:	Content Standards / CCG's:	Essential Skills:	Available Resources:
<p>Wheelchair Ramp Construction</p> <p>Students learn about the Individuals with Disabilities Act, and about improvements they can make in their community to improve accessibility for elderly and disabled residents.</p> <p>Students use science and math skills to learn how to construct and install wheelchair ramps at strategic locations in their community.</p>	<p><u>Social Sciences/Civics and Government:</u></p> <ul style="list-style-type: none"> ▪ <u>SS.05.CG.04:</u> Identify the rights of US citizens. ▪ <u>SS.HS.CG.04:</u> Understand the role of the courts and of the law in protecting the rights of US citizens. <p><u>Social Sciences/Geography:</u></p> <ul style="list-style-type: none"> ▪ <u>SS.05.GE.07.01:</u> Understand how and why people alter the physical environment. ▪ <u>SS.05.GE.08.01:</u> Identify constraints on human activity caused by the physical environment. <p><u>Health Education/Promotion of Environmental Health:</u></p> <ul style="list-style-type: none"> ▪ Explain the elements of a safe and healthy personal, school, home and community environment and their effect on health and well-being. <p><u>Mathematics/Geometry:</u></p> <ul style="list-style-type: none"> ▪ <u>CCG:</u> Analyze characteristics and properties of two- and three-dimensional geometric shapes and develop mathematical arguments about geometric relationships. ▪ <u>CCG:</u> Use visualization, spatial reasoning, and geometric modeling to solve problems. ▪ <u>CCG:</u> Specify locations and describe spatial relationships using coordinate geometry and other representational systems. ▪ <u>CCG:</u> Apply transformations and use symmetry to analyze mathematical situations. <p><u>Mathematics/ Measurements:</u></p> <ul style="list-style-type: none"> ▪ <u>CCG:</u> Understand measurable attributes of objects and the units, systems, and processes of measurement. 	<ul style="list-style-type: none"> ▪ Apply mathematics in a variety of settings. ▪ Think critically and analytically. ▪ Use technology to learn, live and work. ▪ Demonstrate civic and community engagement. ▪ Demonstrate personal management and teamwork skills. 	<ul style="list-style-type: none"> ▪ Assessing your School Environment for Access to People with Disabilities http://www.adl.org/education/curriculum_connections/fall_2005/fall_2005_lesson5_sb_assessing.asp ▪ A Brief History of the Disability Rights Movement http://www.adl.org/education/curriculum_connections/fall_2005/fall_2005_lesson5_history.asp ▪ The Home Wheelchair Ramp Program http://www.wheelchairramp.org/