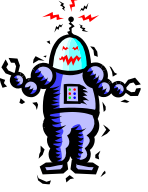








Attachment A

Air Expressions

Project Topics

	<p><u>Technology, Art and Education:</u> Create an innovative and interactive Air Quality or Climate Change display. Incorporate the principles of recycling, robotics and audiovisual display to deliver educational content. Develop this content to play as a video slideshow, or interactive presentation.</p>
	<p><u>Clean Air Video:</u> Create a promotional film, documentary or You Tube visual presentation which increases knowledge and test skills on air pollution issues. Issues can include Pollution from Residential Heating with Wood, Recycling, Energy and Power, and How To Burn Cleanly - (fireplace or backyard burning).</p>
	<p><u>Clean Power:</u> Create energy efficient heating projects using solar and renewable alternative energy. Perform an energy audit for your school and show results.</p>
	<p><u>Data Analysis:</u> Develop questions to be answered and perform data analysis to create useful tools or presentations that further the understanding of air quality issues. Use GIS, Census, Transportation or air quality monitoring data to assess air quality issues. Work with the Air District to develop the questions and scope of the project.</p>
	<p><u>Reduce and Recycle:</u> Produce programs that will help simplify and reduce packaging. Organize total recycling efforts to reduce emissions and greenhouse gases. Quantify emission reductions to show expected results.</p>
	<p><u>Reduce Traffic and Air Pollution:</u> Create a plan and implement lasting solutions to encourage fewer single family car trips, more walking, biking and carpooling. Create a realistic blue print to design future roadways which will lessen the demands of driving or make commutes easier. Study how new concepts in road intersection design can improve traffic flow and reduce pollution.</p>
	<p><u>Develop New Software:</u> Create a video game or cell phone “app” to increase knowledge and test skills on air pollution issues.</p>