


<p><u>English/Language Arts:</u></p> <ul style="list-style-type: none"> ▪ Reading non-fiction text about waste affects. ▪ Preparing a proposal for the design of the trash tree to local professionals. ▪ Writing non-fiction text for educational materials. ▪ Using age appropriate vocabulary based on target population. ▪ Writing letters/articles for local news publication about waste issues. ▪ Writing a press release for the launch of the Trash Tree. 	<p><u>Technology:</u></p> <ul style="list-style-type: none"> ▪ Researching on the internet. ▪ Using social media as a platform for educating others. ▪ Creating online surveys to measure issue in local community and impacts of project. ▪ Using word processing and design programs to create educational materials. ▪ Writing blogs during the project experience. ▪ Producing a short reflection video. 	<p><u>Engineering:</u></p> <ul style="list-style-type: none"> ▪ Understanding various structures and weight capacities. ▪ Designing possible trash tree structures out of sample material. ▪ Creating a scaled blueprint of the Trash Tree. ▪ Constructing the Trash Tree.
<p><u>Math:</u></p> <ul style="list-style-type: none"> ▪ Understanding ratio and scale. ▪ Creating a scaled model of the Trash Tree. ▪ Analyzing statistics on affects of waste. ▪ Create graphic displays of statistic and other important information. 	<p><u>Curriculum Web</u></p> 	<p><u>Arts:</u></p> <ul style="list-style-type: none"> ▪ Investigate types of 3-D art and installations. ▪ Learning about careers in architecture and design. ▪ Designing the Trash Tree display. ▪ Painting and decorating the Trash Tree. ▪ Creating educational posters and brochures. ▪ Create usable goods or artwork from recycled items (upcycling).
<p><u>Science:</u></p> <ul style="list-style-type: none"> ▪ Investigate the local community to observe trash levels. ▪ Research and understand impacts of various types of waste on the environment. 	<p><u>Social Studies:</u></p> <ul style="list-style-type: none"> ▪ Exploring impacts of waste on various parts of the world. ▪ Investigate the impacts of waste on the economy. 	<p><u>Foreign Language:</u></p> <ul style="list-style-type: none"> ▪ Exploring the impacts of waste in specific countries that speak the language of study. ▪ Translating education materials to language of study.



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