

Upcycled Creation Challenge



Do you like to solve problems, tinker and build with materials, or design new things? Then this challenge is for **YOU!**

The Green Team is looking for students to build things from discarded objects or materials. Each project should reuse everyday materials that you have at home. For example: boxes, plastic bottles, paper towel rolls, pieces of broken toys, packaging material, etc. The goal is to increase the amount of recycling students do, as well as to encourage learning in a fun way! Each invention should try to solve a problem. (The invention does not really have to work. It is a model.) All projects should be designed and built by students at home and brought to school on Tuesday, January 17th from 2:30-6pm. The projects will be displayed in the library all day on the 18th for the whole school to view! The staff Green Team will judge the projects based on creative thinking, problem solving, journal, and overall appearance. Three winners will be identified and rewarded, but all participants will be recognized.

Project requirements:



No larger than 3 feet tall



Made out of recycled, reused, upcycled materials only (except for glue, tape, Velcro or any other means of holding the project together)



Must be designed and built by a student or team of students (no more than two people per team)



Must have a completed project journal (provided to students that complete the Intent to Invent form attached)

Ready to get creative? Fill out the Intent to Invent form and return it to school no later than January 6th. **Start saving recyclables and other materials over the holiday break!**



Intent to invent



This form is due no later than Friday, January 6, 2017.

Student Inventor: _____

Teacher: _____

Grade: _____

I intend to invent: _____

The problem it will solve is: _____

Materials List (What supplies will you use in your project?)

- | | |
|----|-----|
| 1. | 6. |
| 2. | 7. |
| 3. | 8. |
| 4. | 9. |
| 5. | 10. |

Who might want to use this invention? Why? _____

Parent Signature: _____ Date: _____

* Draw a sketch of your proposed creation on the back of this sheet. You will receive an official student journal to keep your notes and sketches in.