

Project Name**Descriptions**

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| Science Buddies | We get a few kids from each grade (1-4) and do random experiments to help them want to do science more. |
| Vertical Farm Project | This is a multi-stage farm that takes less space and produces more crops. |
| Cryptoreo Miner | We are developing a more advanced hardware cryptocurrency miner that can be fashioned from old computers that many people have stored in a corner somewhere. To complete this, we need to clean the computer, and update the bios, as well as unlock the CPU if this is required. |
| The Moblie Shelter | A mobile shelter for homeless people that is eco - friendly and efficient but at the same time is very helpful for society. |
| Water heater Sensor alert system | Our project was basically to add a sensor so people will know when to replace their anode rod. When magnesium corrodes the buzzer will make a loud sound. Its an alertness system so people will know when the rust starts to form in their water heater and will immediately replace their anode rod. We want to add an app/notification that will alert the customer on their phone. |
| Fluffy Stuffiez | We will be making dolls for children in a nearby hospital. We are also going to try to sell dolls to people who can buy the dolls for the children. |
| MUNify | This project will help teach people about the UN. We are looking to do a competition between grades 3-5. |
| Distraction Disc | A small pressure sensor that will release harmless smoke when triggered. The police force or military force could use this if they need to disable an enemy without hurting them. |
| Laser Mining | We will create a small but powerful laser that can beam through rock to help scientists mine asteroids. |
| Recycling and Helping the Enviornment | In our project we would like to help our school recycle more. We would like to help our school recycle like we would like to put more recycling bins and let the younger kids know what to recycle and what to throw in the trash. We would also like to create a committee and help our community pick up trash. |
| SmartFarm | The SmartFarm is designed to improve the revolutionary techniques of farming while introducing the modern aspects of technology to increase the crop yield within it. |
| Zodiac Sign Personalities | We are interviewing people to find out whether the Zodiac signs and the personality traits that go with them are true or if they are just symbolic. |

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| STEAM Packages | <p>This project is a weekly subscription. Each package consists of different items. Each week is based off of a different STEAM subject.</p> <p>WEEK 1: a hands on experiment that comes with easy instructions WEEK 2: a technology project or activity WEEK 3: a activity based off of engineering, like building a tower made of straws WEEK 4: a different art style is taught each time the art bag is sent, like a art project on splatter art and a description of the original artist WEEK 5: a math activity to teach certain math skills early on</p> <p>These packages would help children learn important subjects early on and prepare them for their future schooling and maybe even their future jobs. It also makes children enjoy being engaged in these STEAM subjects.</p> <p>*We would be the people creating these projects for them to do.</p> |
| Arduino Automated Garden Watering System | <p>Our system runs on an Arduino which is powered by a 9V Battery and it measures the humidity levels in the soil using a sensor. The readings are then sent to the Arduino Motherboard. From there, they are sent to the bluetooth module which is connected to an app. The app analyzes the different humidity levels and lets the user know when and how much to water your plants. We made our system fully automatic by adding a hose pipe in which the water will flow through. We might improve it by linking Rohan's air water sytem to our Arduino Auomated Garden Watering System.</p> |
| Detecting Verrucous Carcinoma | <p>We are going to switch out many different oral testing methods to see which one will best detect verrucous carcinoma.</p> |
| Planting Trees Game + tree planting kit | <p>We would make a planting trees a game for kids so they'd want to plant trees by themselves.</p> |
| How Video Games Affect Your Brain | <p>We will be using video games to see if it is good or bad for your mind.</p> |
| Schedularity | <p>A JS app to help people schedule their meetings throughout their day</p> |
| Wireless Future | <p>We will be making many different things wireless for convenience and efficiency</p> |
| Underwater Prescription Goggles | <p>We are hoping to make prescription goggles. These will allow people with bad eyesight the ability to see underwater. They will be able to see 20/20 with these goggles on just like how you would wear you glasses. These will act like regular goggles besides the glasses part.</p> |
| Building better bridges | <p>we are looking for a way to build better and more cost efficient bridges (might change project still thinking)</p> |

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| Safe and sound | This project is used for cat owners all around the world who have delt with annoying cats scratching on their doors constantly. We will make an invention that prevents cats from scratching doors by making a machine that will spray the cat every time it attempts to scratch the door. |
| Project Hot & Cold | This dual time lunchbox will have compartments that both keep you food cold and warm. You can have two types of foods that both need to have differnt tempetures. Insted of have two lunchboxes you can have one that has warm and cold temperatures to fufill you lunch needs. |
| Posture Backpack | We are trying to make a backpack that helps posture and reduces the strain put on a person's back. |
| Art for the Autistic | We will conduct a art competition for autistic children and hold a auction at the same time .We will then give the money to autism healthcare centers . |
| Recyclables Reformed | This project would take things which would normally be thrown away like bottle caps and making DIY videos about how to turn them into new things. |
| An exercise in plastic reduction and reform | Reduce the amount of trash being produced everyday by the use of disposable wrappers and containers in the FSA lunch program. |
| Screen Printing | Using screen printing techniques, create custom shirts/other clothing items/posters to sell and donate such money to charity |
| Trash to Treasure | Our project is about turning trash or recyclables into jewelry and then selling to make money for charities. |
| Project Beach Cleanup | We are going to make an app that you can use on the beach. When you go on the beach you can turn on this app and compete. What you do is you pick up as much trash on the beach as you can. Then turn on the app and enter your name and the amount of trash pieces you pick up. There will be others in the area entering their name and score too. There will be a ranking till the 10th place with as many contestants as there is. Whoever wins the 10 places will turn the trash in to a certain area on the beach. And we will turn their trash into art to give them as prizes. |
| RESCUE BOATS | When floods arise, people cannot instantly receive help, and people often drown. RESCUE BOATS will create a boat that inflates as soon as it contacts water. Our boat will save several lives and give help instantly. |

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| Focus Factor | We will fix school supplies to make them fidgety but not distracting. |
| The Groupers | We will make an app to help people make groups for things like steam the app will categorize people into groups depending on their intrests |
| Cryptoinfo | We are making a website about cryptocurrencies as well as a software miner. |
| Eph (energy per hour) | Creating energy with collected wind from driving a vehicle |
| Battery Compaction (may change later) | We try to develop a more compact battery that can hold more energy. |
| The Study of Ecosystems | Our project will be about exploring different ecosystems (mostly within Georgia,) studying the problems within different ecosystems, and how we can solve those problems |
| Hydrogen Batteries | This type of batteries can never die because they are made out of hydrogen. |
| Radiation-Repelling-Rocks | We are planning on using stones that absorb radiation, and making them into something we would use or wear daily. |
| how to make health phone cases | to keep radiation away from the phone with a rock on the stylist or one the phone case |
| Helping The Environment. | We are making recycling more fun and making kids want to do it. |
| Dysphoria app | helps support people that are struggling with dysphoria |