

Dear Grand View Parents,

As the Makerspace specialist I am so fortunate to observe your children tinker in such a uniquely inspirational environment. I hope you will find time to volunteer in the classroom and see for yourself the joy of learning I see everyday. Please find your child's schedule and sign up on signup.com. However, please note that I have an open door policy, and you can simply show up anytime.

Thank you PTA leadership for supporting this outstanding program.
Thank you parents for volunteering and reinforcing this movement at home.

Paki Wolfe

Out of the classroom volunteering needs;

- rolling tubes out of 3 sheets of newspaper
- cutting cardboard up w/ super cool electric cardboard cutter
- organizing recyclables outside on the patio
- making a few item on the 3D printer

Makerspace relies on recyclables for creative exploration. Your time to collect and deliver items is very much appreciated. I have a very [specific list of needs](#) for the start of the year. Please do not bring your regular recyclable to school. However, if you have a feeling I would really like something contact me at goforpaki@yahoo.com.

Resources that will make *MAKING* easy & fun;
[Science Buddies](#), oodles of science project ideas
[PBS Kids https://www.kiwico.com](https://www.kiwico.com)
[Little Bins Little Hands](#)
[The Stem Laboratory](#)
[Science Bob](#)

Products

New! Extraordinaires

<https://www.amazon.com/Extraordinaires-Design-Studio-Deluxe-Teach/dp/B00FF1RFAM>

Makey Makey

https://www.amazon.com/JoyLabz-MMCE-Makey-Invention-Everyone/dp/B008SFLEPE/ref=sr_1_2?gclid=CjwKCAjw-vjqBRA6EiwAe8TCkyKv87GLtPHBA4KqMLDG03Tz MxBbn_qj0uBNg2WmKGS0wbQ63XDfBoC8egQAvD_BwE&hvadid=174221553515&hvdev=c&hvlocphy=9031013&hvnetw=g&hvpos=1t1&hvqmt=

Fun YouTube videos for the family;

[Chain Reaction](#)

[Jelle's Marble Runs](#) So fun to watch these guys, [Sandbox](#)

Making a [Bird Feeder](#) at home

Makerspace Activities

TIPS FOR ACTIVITIES

MAGNET FUN

The 5th graders experimented with magnetic fields, attraction / repulsion. Build a soccer field or race track and control the ball or the car from the other side of the cardboard.



CODING

The 4th graders programed Ozobots to take the gold rush journey to California.



FORT BUILDING

Every grade knows how to build with newspaper tubes. Just roll 3 pieces of newspaper starting at the corner going diagonally. Placing one piece of tape will at the end will prevent it from unfurling. The tighter you roll the tube, the stronger it will be.



<http://gvmakerspace.weebly.com>

Check out our Makerspace Website for more ideas and resources.