There is a wave of excitement in American classrooms with the addition of Makerspaces making their way across the country. Here is a supply list and resources for starting your Makerspace at home.

These dynamic and interactive classroom centers are engaging and a creative space for kids to learn how things work and to think creatively. It's all about a growth mindset where failure is a catalyst for success when it comes to taking chances by designing and making something new!

Make a designated space at home in time for Thanksgiving vacation.

For inspiration
Check out:
Brain Pop Jr.
Magic School Bus
Design Squad

**TIPS FOR MAKING AN AT HOME MAKERSPACE**

**Experiment, Fail, Learn, Repeat**

**Advanced Makers Supply List:**
- LEDs, vibrating motor, penny battery, foam balls, copper circuit tape, Makey Makey, Arduino, Raspberry Pie, workbench w/ vise & saw (balsa wood), soldering tools…

**Supply List:**
- tape, glue, colored paper, card-stock, pencils, paperclips, brads, craft sticks, hole punch, cardboard, play-doh, low temp glue gun, legos, K'nix, yarn, pipe cleaners, cereal boxes, TP rolls, paper towel rolls, metal lids, containers, berry cartons, take out cartons…

"Ideas come from curiosity"
-Walt Disney
Makerspace Tools

Electric cardboard cutter for adults, cardboard scissors for students, low temp glue gun

Paper cutter, tape dispensers, power punch


Youtube videos Picks of the week:
Jelle’s Marble Runs
https://www.youtube.com/watch?v=E0QAr6fa8Hw

Birdfeeders:
https://www.youtube.com/watch?v=iKcbku0E0sM
https://www.youtube.com/watch?v=MbOsvRuXakM

Circuits:
https://www.youtube.com/watch?v=bZgMBkNC80

Rube Goldberg:
https://www.youtube.com/watch?v=863z_eHGIJw
https://www.youtube.com/watch?v=xHrYypDKXTc

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