

Dear Parents,

All students will be participating in our 3rd Quarter STEM Unit! STEM is an acronym for Science, Technology, Engineering and Math education. We focus on these areas together not only because the skills and knowledge in each discipline are essential for student success, but also because these fields are deeply intertwined in the real world and in how students learn most effectively. Please visit our website [www.brumbystem.weebly.com](http://www.brumbystem.weebly.com) for more information!

Our Third Quarter STEM units will be taught January 21- 25, 2019. Here are the supplies that each grade level will need. **ALL SUPPLIES DUE BY January 18th.**

**Kindergarten**-

Group It! (Living and Non-living)

* empty plastic bottles
* All types of cardboard boxes (cereal, shoe, etc...)
* paper towel rolls
* Styrofoam-cups, plates, coolers
* cardstock
* craft sticks
* string/yarn
* pipe cleaners/fuzzy sticks
* tape (masking, scotch)
* liquid glue
* construction paper
* brass fasteners (brads)
* play dough
* rubber bands
* Reynolds warp

**Second Grade**

Prepared Pig

* plastic bottles
* cardboard boxes
* toilet paper tubes
* paper towel tubes
* pipe cleaners (fuzzy sticks)
* unwanted Legos
* Tape (masking, scotch, duct)

**First Grade**

Animal Habitats

* shoe boxes
* sand
* soil
* cotton balls
* playdoh
* moss
* tree limbs
* small pebbles
* Easter grass
* construction paper
* pine straw
* felt
* fabric (solid colors)
* pipe cleaner (Fuzzy sticks)
* gardening wire
* tape (masking, scotch)

**Fourth Grade**

Weather Instruments

* boxes
* plastic water bottles
* paper towel/tissue rolls
* aluminum cans
* rubber bands
* craft sticks
* masking tape
* paper clips
* paper plates
* straight pins
* push pins
* brads
* paper cups
* balloons
* straws
* dowels/skewers
* construction paper
* sharpies
* Mason jars

**Fifth Grade**

Squishy Circuits

* AA batteries
* 9 Volt Batteries
* craft sticks
* fuzzy sticks
* toothpicks
* recycled materials:
	+ water bottles
	+ bottle caps
	+ toilet paper tubes
	+ paper towel tubes
	+ unwanted Legos

**Third Grade**

Animal Adaptations

* cardboard tubes
* recycled water bottles
* construction paper
* tissue paper
* cotton balls
* brads (fasteners)
* felt (animal print)
* aluminum foil
* string/yarn
* googly eyes
* ribbon
* feathers
* craft sticks
* hot glue guns
* hot glue sticks
* rubber bands
* toothpicks
* sponges

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