

Dear Parents,

Brumby will be participating in 4 Quarterly STEM days! 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. STEM is an interdisciplinary and applied approach that is coupled with hands-on, problem-based learning. If you would like to view the lessons they are available at [www.brumbystem.weebly.com](http://www.brumbystem.weebly.com) (Quarter 2).

*Our Second Quarter STEM day will be November 8th. Here are the supplies that each grade level will need.* ***ALL SUPPLIES DUE BY NOVEMBER 3rd.***

Second Grade-

* popsicle sticks (large)
* paper towel roll
* ice cream container (pint)
* empty soup or juice cans
* Lifesavers Candies
* bamboo skewers
* foam
* clay
* rubber bands
* masking tape or duct tape
* string
* glue
* water bottles
* sponges
* marshmallows (large)
* plastic bottle caps (water/2L Bottles)
* balloons
* paper clips
* boxes (bar soap, toothpaste, baking soda, etc)
* hand held balloon pump

Kindergarten-

* popsicle sticks (large)
* straws
* Lifesavers Candies
* rubber bands
* masking tape or duct tape
* string
* glue
* cardboard boxes

First Grade-

* popsicle sticks (large)
* paper towel roll
* Lifesavers Candies
* Empty milk or juice cartons
* Flat end dowel rods
* magnets
* clay
* rubber bands
* masking tape or duct tape
* string
* sponges
* large marshmallows
* plastic bottle caps (water/2L Bottles)
* various sizes of metal washers
* bobby pins
* boxes (bar soap, toothpaste, baking soda, etc)

Fourth Grade:

* Cereal boxes
* Toilet paper tubes
* Paper towel tubes
* Cylinders
* Dowel rods, sticks, pencils, or other similarly shaped items
* Small pulleys and levers
* String
* Bottle caps
* Craft sticks
* blocks

Third Grade-

* Rectangular pie pan
* Sand
* Stop watch
* Popsicle sticks
* Tape
* Rulers
* Straws
* Rocks
* Pipe cleaners
* Fan or hair dryer- Can be used/ from Goodwill

**5th Grade-**

* **white glue**
* **Borax**
* **Food coloring**
* **paper cups**
* **Tablespoons, teaspoons, and stirring sticks**
* **Paper towels**
* **Small sauce pan/pot (available at Dollar Tree)**
* **Sandwich sized Ziploc bags**



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Donate Supplies YES or NO

Teacher:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Speaking about STEM in your job field YES or NO

Phone/Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Volunteer in a classroom YES or NO