

Brassfield Elementary Math & Science Extravaganza

Thursday, February 21, 2019 6:00–7:30 pm

All students are invited to participate in Brassfield's Math and Science Extravaganza. This event is a great opportunity for junior scientists and mathematicians to explore their worlds and expand their minds. It is always an evening of fun and amazement for students and their families, as we experience the wonders of math and science together! ***Special guest exhibitors will be presenting throughout the evening.***



This is NOT a judged event. Every participating student will receive recognition. Small group projects are welcome.

Registration is required for ALL projects and for each participant.

REGISTRATION (available 2 ways):

1. Complete, sign and return page 3 to your teacher or the PTA mailbox in the school lobby
2. Complete the [online registration](#)

IMPORTANT DATES:

- Registration Deadline (all tracks): **Friday, February 8th**
- SET UP YOUR PROJECT/DISPLAY AT SCHOOL: Wednesday, February 20th, 5:30–6:30pm
- EXTRAVAGANZA NIGHT: Thursday, February 21st, 6:00–7:30pm

PROJECT ENTRY CHECKLIST:

- _____ 1. Choose a topic, experiment or invention of interest.
Any live animals or exhibits handing out food/drink/candy require pre-approval
- _____ 2. Research your topic and determine project set-up needs and timeline.
- _____ 3. Parents to complete the student's registration by the deadline.
- _____ 4. Begin putting materials together and conduct experiments.
- _____ 5. Summarize your conclusions/what you learned from your project.
- _____ 6. Make your project display. Rehearse your explanation.
- _____ 7. Don't forget to put your name(s) on your display
- _____ 8. Bring your project and display for set-up at the school on:
Wednesday, February 20th, 5:30–6:30pm
- _____ 9. Come show off your hard work, see other displays, and enjoy guest exhibitors on:
Thursday, February 21st, 6:00 – 7:30pm (pizza at 5:30pm)*

***TAKE YOUR PROJECT HOME WITH YOU AT THE END OF THE EVENING**

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RULES AND GUIDELINES:

- *Space is limited.* Each exhibit will have approximately 3 feet of table space available for their display. Freestanding display boards are recommended as most of the tables do not have wall space as part of the display area. If needed, self-standing tri-fold display boards can be purchased at Dollar Tree, Hobby Lobby (variety of colors), craft supply, big box or office supply stores.
- *Exhibitors requiring electricity or extra space for their projects must state this on the entry form, or let the event organizers know ahead of time. Electricity-dependent projects will be limited on a first-come, first serve basis, as there are limited outlets available. All other materials and equipment for the exhibit must be supplied by the student. TVs, DVD players, laptops, extension cords and other electronics will not be provided by the school.*
- *All exhibits will be screened for safety.* We will exclude any exhibits that could possibly cause harm or injury. Please keep safety in mind during all phases of your project.
 - Choose a project that can be demonstrated in a safe manner in a crowd, especially a young crowd.
 - Use plastic instead of glass wherever possible
 - Water use must be managed in a safe and tidy way
 - Open flame is not permitted – find a safer heat/light source
- *A title and short paragraph or outline explaining your project should appear with your exhibit. You should be able to explain your project to viewers. You will spend part of your evening explaining your project and what you learned and the other part exploring other exhibits. We want everyone to enjoy the evening.*
- ***Any live animals or exhibits handing out food/candy require pre-approval by the principal and event organizers.*** Animals should not be present in areas where food or drink is served. Animals must be supervised by a responsible adult at all times. Food/drink/candy should only be given to students whose parents are present and consent.
- *Projects should be student-driven work as much as possible. Students can design their project and summarize / create their presentation. Parents are encouraged to help where needed.*

PROJECT IDEA RESOURCES:

- Try searching online for math or science projects by topic or interest. Google is a great resource! There are also many books at school and local libraries that have ideas for projects, or create one of your own using your imagination – these often turn out the best!

HELPFUL HINTS AND LESSONS LEARNED:

- If you do a demonstration, expect to repeat it many times. Bring enough supplies to amaze and entertain your friends over and over! Please bring clean up supplies (wipes, paper towels, garbage bags) if needed.
- Present your project in a bright and simple manner. Use photographs, pictures and large print to make your display interesting and easy to follow.
- Save \$\$ -- Use household items and recyclables. Be practical and HAVE FUN!
- Your project does not have to be an experiment. It can be a research project on something you are interested in, such as creating a cool math puzzle or game, an art display using math and geometry, or a display of interesting facts about your favorite animal.
- Eat before you come or purchase pizza, drinks, and cookies at reasonable prices, while supplies last. On-site food for purchase is made available by your PTA in the cafeteria. **We ask that you do not bring in outside food.**
- Consider recording your experiment on video and playing it back during the Extravaganza. This works great for experiments that are messy, a little dangerous, or not easily repeated. You can also leave the video loop running while you explore other exhibits.

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+ Registration deadline for all tracks: **Friday, February 8th**

+ 2 ways to register:

1. Complete/sign/return this page to your teacher or PTA mailbox in lobby
2. Complete the [online registration](#)

Project Title: _____

Project Short Description: _____

Project Participant(s): Student #1

First Name: _____

Last Name: _____

Teacher: _____

Grade: _____

Track: 1 2 3 4

Parent / Guardian Name: _____

Parent e-mail: _____

Parent phone #: _____

Are other students participating in this project? If no, skip this section. If yes, complete this section.

Each student listed below MUST turn in a signed entry form, unless it is a sibling of the above-named student and they are working on the same project.

Student #2 First & Last Name: _____

Teacher/Grade: _____

Student #3 First & Last Name: _____

Teacher/Grade: _____

Student #4 First & Last Name: _____

Teacher/Grade: _____

Each exhibit will be allotted **-3 feet** of table space. Let us know if you need extra table space or standalone floor space. **List any special items that you will use for your exhibit, such as electrical outlets, extension cords, water, animals*, food*, etc.** We cannot provide extension cords, TV or video equipment. **Animal exhibits and exhibits handing out food/candy MUST be pre-approved*

Electrical Outlet needed: _____ Yes or No

**Animal or food exhibit (list details):* _____

Special Items you will bring/use: _____

Parent/Guardian Permission: I give my child(ren) permission to participate in the Math & Science Extravaganza. We have read, understand and agree to all the rules and guidelines (see page 2).

Parent/Guardian: _____

Printed name

Signature

Date

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PIZZA FUNDRAISER

On the night of the Extravaganza, please join us for pizza at 5:30pm in the cafeteria. Even if you are not creating a project, come join the fun and make it a pizza night with Brassy the Bear!



To guarantee pizza for your family, pre-order a whole family pizza. Pizza is only guaranteed if you pre-order a whole pizza, as individual slices will be available for a limited time and while supplies last.

For special requests, please contact jaymelinda@yahoo.com

2 ways to pre-order a whole pizza before Friday, Feb 15th:

- 1. Complete and return this page to your teacher or PTA mailbox in lobby**
- 2. Complete the [online registration](#)** (pizza section can be completed online, even if your student is not registering as a M&SE participant)

Is your child registered as a Math & Science participant? ☐ Yes / ☐ No

Whole Pizza Pre-Order (Pizza will be reserved for your family; Pay at the event.)

Pizza Type	# of whole pizzas	Name to reserve under
Cheese Pizza \$10		
Pepperoni Pizza \$10		
Half-cheese Half-Pepperoni \$10		
Special Requests: Contact jaymelinda@yahoo.com		