2018 National PTA STEM + Families Science Festival Grants, Sponsored by Bayer

Hosting Your Science Festival
October 17, 2018

National PTA®
everychild. one voice.®

Making Science Sense®

STEM + FAMILIES
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Agenda

1. STEM + Families Initiative
2. Making a Science Festival Happen
3. Logistics & Key Steps
4. Questions
GoToWebinar
Tools to Help You Participate
STEM + Families

STEM CAREERS ARE EXPECTED TO GROW 17% BY THE YEAR 2018...

55% FASTER THAN NON-STEM JOBS OVER THE NEXT DECADE

ABOUT HALF OF STEM JOBS ONLY REQUIRE A TWO-YEAR DEGREE.

SCIENCE  TECHNOLOGY  ENGINEERING  MATH

NURSING  COMPUTER CODING  ENVIRONMENTAL ENGINEERING  SURVEYING
National PTA’s STEM + Families initiative, launched with the generous support of Presenting and Founding Sponsor Bayer USA Foundation, now reaches over 6,200 families in 250 schools across 24 states.

6,210 parents + children
6,210 parents and children have participated in hands-on STEM + Families events throughout the country

2,296 PTAs
2,296 PTAs have applied for STEM + Families Grants and game packages, with 220 PTAs receiving awards

220 awards

24 states
Bayer has awarded grants within 24 states to implement Science Festivals

50,000+ times
The STEM + Families Facebook Live videos about the Bayer STEM + Families Grants have 50,000+ combined views

390,797 views
Families have interacted with STEM + Families online materials 390,797 times
Reminders: Science Festival

• Host a Science Festival between October 1, 2018 – May 31, 2019
• Welcome Bayer as partner
• Materials/info in online toolkit (pta.org/stem/science/toolkit)
• Arrange for food and prizes
• Share your success

Bayer U.S.: @BayerUS #Bayer4IMPACT

PTA: @NationalPTA #PTA4STEM
Goals

• **Family engagement!** Involve students AND families in a fun, enjoyable *shared* science experience

• Help families **explore science at their own levels** through fun activities

• **Empower kids of all backgrounds** to become interested in STEM education and careers

• Host events **using Bayer experiments** in elementary schools
Making a Science Festival Happen

1. Make connections
2. Plan your event
3. Promote your event
4. Host your event
5. Wrap up

pta.org/stem/science/toolkit
Do Initial Planning

• Set event date (2-3 months out)
• The school needs to provide: venue, tables, advertising/promotion and volunteers (20 or more recommended)
Promote Your Event

<Insert School Name> STEM + Families Science Festival

<Insert Month, Day Start Time – End Time>

<Insert Location>

All Attendees Will Receive Dinner PLUS, everyone will have chances to win great door prizes – gift cards, board games and more!

IMPORTANT: All children MUST have a caregiver with them. STEM + Families is meant to engage families together in fun STEM experiences. So, please make every effort to join us and enjoy a night of interactive science experiments with your child.
Prepare the Venue

- Set up tables and supplies
- Welcome volunteers; give event overview
- Make sure food is set up
Get families engaged and prepared

• Greet families at the door
• Issue raffle and food tickets (if applicable)
• Issue passports and explain their use
• If photography is planned, make sure attendees complete Consent to Photograph forms
  • Use photos as part of a social media plan to recap event and promote new ones
• MC should officially welcome families and give overview of event
Experiments

Experiment Guides

Suggested STEM + Families Science Festival Activities

- Balloon Skewers
- Cool Colors
- Bubbling Lava Lamp (en español)
- Dancing Raisins
- It's Chemical
- It's All in the Taste Buds
- Journey through the Bloodstream
- Martian Jelly
- Sticky Icky
- Alka-Rockets (en español)
What about supplies?

Local grant recipients receive $250

State/regional grant recipients receive $500

Renewal grant recipients receive $500
Manage logistics and event wrap-up

• At least one volunteer should **circulate through stations** to be sure things are running smoothly – and provide coverage for breaks

• Give **20-minute warning** to finish games and submit raffle tickets/passports for drawings

• **Gather passports, do raffles** (if planned)

• Conclude by **thanking everyone for attending**

• **Pack up** materials, **thank Bayer** folks, and **clean up** as quickly as possible
How do I know if there’s a local Bayer?
Financial Disbursements ($)

Award Letter = checks sent

Event + Evaluation = Invention Night Drawing
  • Send in surveys (pdf or hard copy)
  • 5 pictures
  • PTA leader evaluation

Send to rfishman@pta.org
Questions?

PTA.org/STEM/Science/Toolkit
Email Programs@PTA.org
Call (800) 307-4782