



# Eureka!

A Hands-On Science Program at OKE



## What is Eureka!

- Eureka! is a hands-on science enrichment program offered to all students in grades K-5. The program is developed and run by parent volunteers at OKE and is funded by the OKE PTA.

## The Goals of Eureka!

- Provide a hands-on, fun science experience
- Follow and reinforce classroom curriculum
- Teach scientific thinking of “question, predict, test, record, & conclude”
- Encourage and enable each student to be a scientist

## Ways to Volunteer:

### *Experiment Leaders/ Grade Level Coordinators*

- Our Eureka! Grade Level Coordinators prepare each experiment and deliver the science presentation and experiment instructions to the students and parents at the beginning of each session.



### *Small Group Leaders (THIS IS WHERE WE NEED YOUR HELP)*

- Assist 4-6 students with the instructed activities – little, if any, preparation needed. This is where we need the most help (about 4-5 parents per class). You are welcome and encouraged to attend experiments in multiple classes & grades other than your child’s, if you can, to help provide consistency. However, if you can only help in your child’s class, that’s great!

## Other Volunteer Info

- Each grade’s experiment has multiple sessions throughout the day with about 2 classes per session. Each session is about an hour long. Class session times will be posted on the website prior to each experiment and rarely change throughout the year so you can plan ahead.
- Grandparents and other relatives are a great addition!
- Volunteer to baby-sit a friend's preschooler while they do Eureka! (younger siblings are discouraged from attending due to equipment and distractions)
- Pop-ins are great, every extra person means more discussion and attention to each student.
- Some companies promote and encourage employee participation in programs like Eureka!

## What to do next:

- Sign up online or on the VIPS form to receive reminder emails with experiment instructions
- Mark your calendars - Eureka! is on Wednesdays!
- Check <http://www.okepta.org> for specific dates and class schedules
- **Sign up online** to attend an experiment
- Remember this is **your** volunteer program – our success depends on you!

If you have any questions please contact the Eureka! Chairperson Kristin Mudra at [eureka@okepta.org](mailto:eureka@okepta.org) or [jimink@consolidated.net](mailto:jimink@consolidated.net)

**SCIENCE  
BACKGROUND  
NOT  
REQUIRED!**



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## Eureka! Schedule for 2011-2012

Wednesday is Eureka! Day in the Outback

Date	Grade	Topic
Sept. 7	K	Observation Skills & The Five Senses
Sept. 14	1st	What is Inside of Me?
Sept. 21	2nd	Does Your Heart Rate Change When You Exercise?
Sept. 28	3rd	Simple Machines: Fun with Levers & Pulleys
Oct. 5	4th	The Water Cycle
Oct. 12	5th	Electrostatics
Oct. 19	K	I'm Bananas for Science! Weighing & Measuring
Oct. 26	1st	Heat
Nov. 2	2nd	Biometrics: Who are You? (Fingerprints)
Nov. 9	3rd	Magnetism
Nov. 16	4th	***stay tuned for a brand new experiment!***
Nov. 30	5th	Exploring Alternate Energy Sources
Dec. 7	K	What Do Magnets Do?
Dec. 14	1st	Rocks & Soil: Porosity & Permeability
Jan. 11	2nd	Exploring Sound: Can You Hear Me Now?
Jan. 18	3rd	Exploring Seeds
Jan. 25	4th	Soil Properties
Feb. 1	5th	Weathering
Feb. 8	K	Trees and the Changing of the Seasons
Feb. 15	1st	What Makes Plants Grow Best?
Feb. 22	2nd	Food Web: What Do Owls Eat?
Feb. 29	3rd	Volcanoes
Mar. 7	4th	Oobleck, Glurch and the Phases of Matter
Mar. 21	5th	Adaptation: Bird Beaks
Apr. 4	K	Conservation & Recycling
Apr. 11	1st	Magnetic Attraction
Apr. 18	2nd	Classifying Rocks
May 2	3rd	The Sun is Energy
May 9	4th	Conductors & Insulators
May 16	5th	Newton's Laws of Motion

\*\*\*This experiment is new or updated!\*\*\*

Our experiments are changing with the times! Eureka! Science tries to follow our classroom curriculum as much as possible. Because of this, many of our experiments may be updated or changed altogether during the course of this school year to reflect curriculum changes made by KISD. The scheduled experiment dates for each grade level will not change, but the experiment topics may undergo some adjustments over the course of the school year!

For specific class session times, check <http://www.okepta.org>.