



# Paw Prints

Grant Ranch School  
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December 2021

GRANT RANCH SCHOOL ECE-8

## About Paw Prints 2021-2022

These publications are available online @  
[http://grantranch.dpsk12.org/?page\\_id=432](http://grantranch.dpsk12.org/?page_id=432)

Grant Ranch Webpage - <http://grantranch.dpsk12.org>



Paw Prints is a monthly newsletter for Grant Ranch School. This is an important communication link for parents and includes important happenings at our school.

You can read, download, and print this newsletter monthly on the Grant Ranch Webpage.

<http://grantranch.dpsk12.org>



### FLYING PIG SOUTH

NOW OPEN FOR DINE IN, TAKE OUT, AND DELIVERY!

- LARGE PATIO
- BURGERS, WINGS, TACOS, MAC N CHEESE
- ONLINE ORDERING AND CURBSIDE AVAILABLE

5935 S ZANG ST LITTLETON, CO 80127



START WITH YOUR  
**FIRST WEEK  
FOR \$20**

**GET STARTED**

**YOGASIX LITTLETON**  
8055 W Bowles Ave Unit 900  
Littleton, CO 80123  
720.780.0005 | @yogasix\_littleton  
yogasix.com/littleton

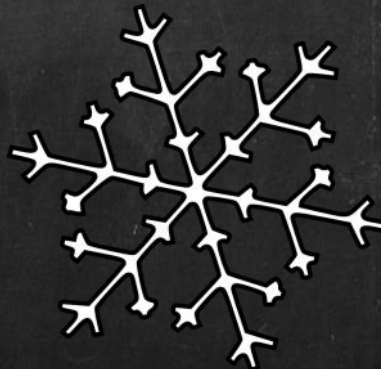


Sponsorship space in this newsletter is extremely affordable! Reach parents in your local community & a significant portion of your investment goes back to the school! Want to sponsor this school? Please contact Rob Mangelson at [Rob@tscacolorado.com](mailto:Rob@tscacolorado.com) or (720) 878-4107.

# SAVE the DATE

- December 20 - January 3 Winter Break - No School. Students return on Tuesday, January 4
- January 10 - February 11 - ACCESS Testing
- The Science Fair is coming!

**Projects are due February 15, 2022**



### Open for Families

The expanded and reimagined Denver Art Museum is now open. Explore hands-on activities, new artmaking spaces, fun in-gallery games, and so much more. Youth 18 and under enjoy free general admission every day.

LEARN MORE AT [DENVERARTMUSEUM.ORG](http://DENVERARTMUSEUM.ORG)



The Free for Kids program at the Denver Art Museum is made possible by Scott Feiman and presented by Bellco Credit Union. 

## ACCESS TESTING

Multilingual students will take the ACCESS test in January.

- National test for all English Language Learners
- Is administered to Kindergarten through Grade 12 students who have been identified as English language learners (ELLs)
- Is given annually to monitor students' progress in learning academic English
- Meets U.S. federal requirements of the Every Student Succeeds Act (ESSA) for monitoring and reporting ELLs' progress toward English language proficiency
- Is anchored in the WIDA English Language Development Standards
- Assesses the four language domains of Listening, Speaking, Reading and Writing
- Additional information can be found here: <https://wida.wisc.edu/sites/default/files/resource/ACCESS-Parent-Handout-English.pdf>



JOIN US FOR A

**FAB**  
**"YULE"**  
**OUS**

SEASON OF  
FAMILY FUN



SCAN ME

**ASPEN**  
**GROVE**





**KCLL KEEPS GROWING  
NOW WITH BASEBALL  
AND SOFTBALL!**

**DIVISIONS FOR BOYS & GIRLS  
AGES 4-16**

**VOLUNTEER  
WITH US, PLEASE  
2021 SAW OUR BIGGEST  
SEASONS IN HISTORY**

**AS A 100% VOLUNTEER  
ORGANIZATION, WE NEED  
THE COMMUNITY'S HELP  
THERE ARE SMALL AND  
LARGE WAYS TO HELP**

**LEARN MORE ABOUT HOW  
YOU CAN HELP OUT AT:**

**WWW.KCLLBASEBALL.COM**



**KIDDIE ACADEMY,**  
EDUCATIONAL CHILD CARE

**Mention this ad to  
receive \$125 off the  
first month's tuition!**

Kiddie Academy  
of Columbine  
6650 W Ken Caryl Ave  
Littleton, CO 80128

(720) 826-8268

# ¡CIENTÍFICOS! ¡ESTÉN ALERTOS!

Científicos estudiantiles deseados!

La Feria de Ciencias anual de Grant Ranch se acerca y ¡te necesitamos a TI!

Habrás más información en la siguiente publicación de PawPrints y en diciembre en nuestra página web y en nuestra página de Facebook.

## Estaras listo?



## The Science Fair is Coming!

Who: All students in ECE -8<sup>th</sup> grade are invited to participate in the Science Fair  
**This is an optional extracurricular project to be completed at home.**







Due Date: **Projects are due February 15, 2022**

\*\*\*Please do not bring in projects before this due date unless you have an arrangement with your classroom teacher\*\*\*

When: Projects will be on display in the lobby from February 15—Feb 24, 2022

The project must follow the scientific method and be displayed on a freestanding presentation board.

### The scientific method is:

1. Find a problem or ask a question 
2. Do background research 
3. Construct a hypothesis 
4. Test your hypothesis with an experiment 
5. Analyze your data and draw a conclusion 
6. Report your results 

Presentation of Science Projects: Completed projects must be displayed on a freestanding presentation board that is no larger than 36"x48". Remember to take pictures along the way as pictures will help document your experiment. Michaels, Hobby Lobby, Walmart and Target all carry display boards like the one below. **Please Mrs. Holden know if you need a board and one will be provided.**



More guidance on a science fair project may be found at <https://sciencebob.com/science-fair-ideas/thescientific-method/> and <https://www.sciencefaircentral.com/students/scientific-projects/steps>

Keep this top paper at home for guidance.

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**Please return this form to your classroom teacher by January 11,2022.**

I have reviewed the Science Fair information and calendar with my child,  
\_\_\_\_\_, (Printed Name of Child) and we understand the requirements  
for a successful Science Fair Project. My child **will be** participating in the Science Fair.

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Student's Grade

\_\_\_\_\_  
Student's Teacher

## Time Line

### **Brainstorm (1 week)**

- ✂ Choose an area of science
- ✂ Choose a question
- ✂ Identify the problem

### **Research (1 Week)**

- ✂ Identify research variables, gather information using books, magazines, internet, and experts in the field.
- ✂ Write bibliography, including names of experts (authors, etc.)

### **Write your Science Fair Proposal**

- ✂ Write “the question” you will investigate
- ✂ Write the types of questions you investigated in your research or will investigate
- ✂ Write a hypothesis (based on the research)
- ✂ Write down the materials you will need

### **Do the Project (1-3 Weeks, longer if using plants)**

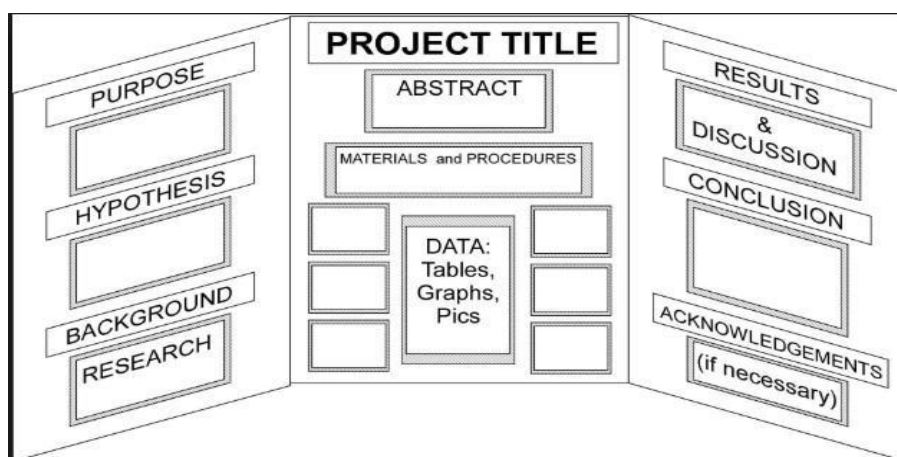
- ✂ Gather materials for experiment
- ✂ Conduct experiment using the procedure you wrote
- ✂ Collect and organize data in more than one way (graph, chart, diagram, and photographs)
- ✂ Write final procedure, background research, hypothesis, conclusions, and etc.

### **Finalize Your Project (3-5 days) and Bring to School on February 15, 2022**

- ✂ Put together your display board

### **Family Science Viewing**

A slideshow will be created and shared with families of all the projects.



## The Scientific Method

The Scientific Method is an organized way of learning new information.

1. **Purpose/Question-** What do you want to learn? An example would be, "What doorknob at home has the most germs?" or "Do plants need daily watering to survive?" or "Does the color of a light bulb affect the growth of grass seeds?"
2. **Research-** Find out as much knowledge as you can. Look for information in books, on the internet, and by talking with others to get the most information you can before experimenting.
3. **Hypothesis-** After doing your research, try to predict the answer to the problem. Another term for hypothesis is 'educated guess'. This is usually stated like " If I...(do something) then...(this will occur)" An example would be, "If I grow grass seeds under green light bulbs, then they will grow faster than plants growing under red light bulbs."
4. **Experiment-** Design a test or procedure to find out if your hypothesis is correct. In our example, you would set up grass seeds under a blue light bulb and seeds under a red light and observe each for a couple of weeks. You would also set up grass seeds under regular white light so that you can compare it with the others. You will need to write down exactly what you did for your experiment step by step.
5. **Results/Data-** Record what happened during the experiment. Also known as 'data'. As you observe your experiment, you will need to record the progress of your experiment. Data can be whatever you observe about your experiment that may or may not change during the time of the experimentation. Examples of data are values in pH, temperature, a measurement of growth, color, distance, and etc. Data should be shown in *more than one way*. Examples of ways to show data; graphs, tables, charts, models, pictures, realia, and etc.
6. **Conclusion-** Review the data and check to see if your hypothesis was correct. If the grass under the green light bulb grew faster, then you proved your hypothesis, if not, your hypothesis was wrong. It is not "bad" if your hypothesis was wrong because you still discovered something! Your conclusion should also include next steps.

# Grant Ranch After School Enrichment Lottery

We are able to offer **FREE** after school programs for our GRS students!

There are **limited** spots available in each session. If there are more students interested in each session than the number of spots available, a lottery will be held to determine attendees.

**Students will be expected to attend each class if they sign up for a session.**

**SIGN UP:** Use [this](#) link to sign up by January 7, 2022. You will be notified of class availability via email. Link also available at: <https://forms.gle/gA4pG5k8YVvxN6928>

**\*\*\*Option 1 open to GRS K-8 students**



## Su Teatro

**Mondays and Wednesdays from 3:30-4:30 p.m.**

**\*\*1/24, 1/26, 1/31, 2/2, 2/7, 2/9, 2/14, 2/16, 2/23, 2/28, 3/2, 3/7, 3/9, 3/14, 3/16, 3/21, 3/23**

**During the last class on March 23 there will be a performance for families.**

Teatro class will be taught by actor/poet Jose Guerrero aka Jozer. In this class students will get to learn theater skills all by playing fun theater games! Students will build confidence, speak clearly, perform in front of an audience, build cultural pride and learn about Chicano/Latinx Theater in America.

**\*\*\*Option 2 open to GRS K-6 students**



## Science Matters - Part One: Radical Reaction Lab Part Two: Science Bloopers and Practical Jokes

**Tuesdays from 3:30-4:30 p.m.**

**\*\*1/25, 2/1, 2/8, 2/15, 2/22, 3/1, 3/8, 3/15, 3/22**

**Students will be able to enjoy BOTH parts of this session with their signup. The signup**

**includes both Radical Reaction Lab AND Science Bloopers & Practical Jokes**

Enter our reaction lab and you will be transformed into a chemist! Create chemical concoctions that fizz, bubble, and ooze. Make your own chemical reactions to create a super polymer bouncy ball, meet the mysterious Mushroom Men, create your own Magic Crystal, and much more.

OOPS! Is it a blooper or something quite super? Discover the fun behind Serendipity Science as we use some crazy science to do amazing projects. Create your own Talking Cup. Experiment with the vanishing quarter. Have fun with your friends doing Amazing Feats of Science. Astound an audience with our terrific but very scientific magic tricks. Sign up today, and you'll be the one who has the last laugh!

**\*\*\*\*\*OPTION 3 is on the back!\*\*\*\*\***



### \*\*\*Option 3: Open to GRS 2-8 Students



#### Cheer Club:

**Mondays from 3:30-4:30 in the Library**

**1/24, 1/31, 2/7, 2/14, 2/28, 3/7, 3/14, 3/21**

Join us for a new after school program- Cheerleading! Boys and girls are welcome! Your student will learn valuable teamwork and leadership skills through the sport of cheerleading. We will focus on the basics of the sport. Students' learning will consist of motions, jumps, stunting and tumbling. This session will be taught by our 2nd grade teacher, Ms. Birnbaum. She was a cheerleader for 20 years and competed nationally through college. We can't wait to get started! (Families will need to sign a waiver before the club begins.)

#### Transportation Needs:

We are pleased to partner with Schoolpool, a program to help families get their students to/from school. It's free and there is no obligation to participate. Schoolpool is a service of Way to Go, a federally funded program of the Denver Regional Council of Governments (DRCOG). How does Schoolpool work? See our website for more information.

Create an account and register your household address or intersection here:

<https://mywaytogo.org/#/schoolpools/join/5af073300d50384f15cc5761>



(To maintain the highest level of privacy and security, this [link](#) is the only way for [Grant Ranch School](#) participants to register.)

# Student Artist Wanted

## The Grant Ranch Science Fair needs a mascot!




Are you an artist? Do you like to draw? YOU may be the student artist featured for this project!

### Guidelines:

**The art must be of a grizzly with a scientific tool.** The artist should use his or her own interpretation to draw a Grizzly Scientist. The drawing must be of a grizzly with a scientific tool.

The name and grade of the artist must appear on THE BACK of the paper.

### Size:

The artwork must be done on WHITE 8.5"x11" paper and the grizzly needs to be at least 8" tall. This paper is 11" tall from the top to the bottom.  Use your paper in portrait format.

### Medium:

The artist may use colored pencils, crayons or markers to create the art. NO paint, please.

### Deadline:

Each artist may submit ONE entry to the contest by JANUARY 11, 2022. Completed art must be submitted to the envelope in Ms. Erin's classroom.

### Other:

The drawing MUST be the work of the student. Only original artwork will be considered. Do not use clipart or any other manufactured art. **By submitting a drawing to the contest, the artist is agreeing their work may be used for this project and that the artist is the only person who created the art. Parents, family members or friends should not create the art for the artist.**

The artwork chosen will be at the discretion of Mrs. Holden and Ms. Erin. All decisions are final. Contact Mrs. Holden with any questions.

What is a scientific tool?



A scientific tool could be, but is not limited to:

- a beaker
- a telescope
- a microscope
- a tape measure
- a ruler
- a scale
- a computer
- a rain gauge
- a collecting net
- a cylinder
- a petri dish
- a balance
- safety glasses
- and many other items!

# Se Busca Artista Estudiante

## La feria de ciencia de Grant Ranch necesita una mascota!




Eres un artista? ¿Te gusta dibujar? TU puedes ser el artista estudiante presentado para este proyecto!

### Guías:

**El arte deberá ser de un oso grizzly con una herramienta científica.** El artista deberá usar su propia interpretación para dibujar un científico Grizzly .El dibujo deberá ser de un oso grizzly con una herramienta científica.

El nombre del artista deberá aparecer en la PARTE TRASERA del papel.

### Tamaño:

El arte deberá hacerse en papel BLANCO 8.5"x11" y el grizzly deberá medir por lo menos 8" de altura. Este papel mide 11" de arriba abajo.   
Usa el papel en formato de retrato.

### Utilez:

El artista puede usar lápices de colores, crayones, o marcadores para crear el arte. Por Favor NO use pinturas.

### Fecha de entrega:



Cada artista puede entregar una entrada al concurso antes del 11 de enero del 2022. El arte terminado se deberá de entregar en el sobre en la clase de Ms. Erin.

### **Mas informacion:**

El dibujo DEBERÁ ser trabajo del estudiante. Solamente el arte original será considerado. No utilice arte prediseñado. **Al entregar el arte al concurso, el artista acepta que su arte se puede usar para este proyecto y que el artista es la única persona que creó el arte. Los padres, familiares, o amigos no deberán crear el arte para el artista.**

La obra de arte elegida será a discreción de la maestra Mrs. Holden and Ms. Erin.

Todas las decisiones son finales.

¿Qué son herramientas científicas?



Una herramienta científica puede ser, pero no se limita a:

- un vaso de precipitados
- un telescopio
- un microscopio
- una cinta metrica
- una regla
- un ordenador
- una escala
- un ordenador
- un pluviometro
- una red de recoleccion
- un cilindro
- una placa de petri

- un balance
- lentes de seguridad
- y muchos otros artículos!