Paw Prints

Grant Ranch School
5400 S. Jay Circle
Denver, CO 80123

Office
(720) 424-6880

Attendance
(720) 424-6961

January 2020 GRANT RANCH SCHOOL ECE-8

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

About Paw Prints 2019-2020

These publications are available online @ http://grantranch.dpsk12.org/?page_id=432

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

Upcoming Events

January 9 – Jump Rope for Heart Assembly and Kickoff

January 20 – No School - Martin Luther King Holiday

January 15 – February 15 - Round 1 of School Choice for the 2020-21 school year

Enrollment and School Choice Information

http://schoolchoice.dpsk12.org

http://schoolchoice.dpsk12.org/schoolchoice-round-1/

Yearbook Cover Contest

Yearbook is hosting a yearbook design cover contest for the 2018-2019 Grant Ranch Yearbook. The theme for this year's yearbook is Arcade.

Here are the contest details:

Who - All Grant Ranch Students

What - Design a yearbook cover for an Arcade Theme.
Your design must be size 8 1/2 inches by 11 inches.

When - Your design is due on **Friday, January 10.** Turn your design in to the Art Teacher, Ms. Schiess or the computer teacher, Mrs. Andrew.

Jump Rope for Heart – Kindergarten - 5th Grade

Jump Rope For Heart! Kids Heart Challenge! Join the Heart Heroes! Informational Assembly in the Gym - **Thursday, January 9th**

Kids Can Register Online or in the App Store to get a Wristband. Kids can earn different Icons to attach to the Wristband by getting Donations from Family and Friends!

Check-Out the Poster and Information on the Wall in the Front Lobby of the School. See Mr. Rubald with any and all Questions and Information. Please Login at www.heart.org/kidsheartchallenge or the App Store: Kids Heart Challenge

Login: Greg_Rubald@dpsk12.org
Password: Hearthero

Thank you and Let's Jump Rope For Heart!

School-Wide Family Cardboard Box Challenge

Who: You (parents/guardians) and your student(s)

What: A challenge to create something original using a cardboard box as a starting point

When: Now through January 24th

Please bring projects to your child's classroom as soon as they are finished. No need to wait until the 24th. Your child will present the project by describing their inspiration and the process of their creation. Then on Friday the 24th will be a school-wide Gallery Walk starting at 3:00 in the cafetorium.

Why: This is a national event designed to stimulate creativity, problem solving and critical thinking in the form of a project

What is needed: A large cardboard box (the bigger, the more creative they will get), paper, paint, markers, glue, etc.

How: Look around your house/community to find other things that are the same basic shape as your chosen box. Size should not matter. Ask "What can we turn this box into??" Ideally, this will generate original ideas (other than a decorated "jewelry box or treasure box"). If your child is still stumped for unique ideas, you can go online. Google "images for Cardboard Box Challenge ideas". You will find countless ideas to spur creativity. Ask them lots of questions to keep them talking and thinking! ("How can we attach these? How can we make this work? What should we add to make it look more like a ___?") Let them make choices and test their ideas. **Have fun with it!!**

Science Fair

The Science Fair is Coming!

Who: All students in ECE -8th 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 18, 2020**

Please do not bring in projects before this due date.

When: Projects will be on display for families and the community in the atrium from February 18 – February 28, including during the PTO meeting on February 18.

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.

Please return this form to your classroom teacher by January 13, 2020.

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

Science Fair, continued…

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.

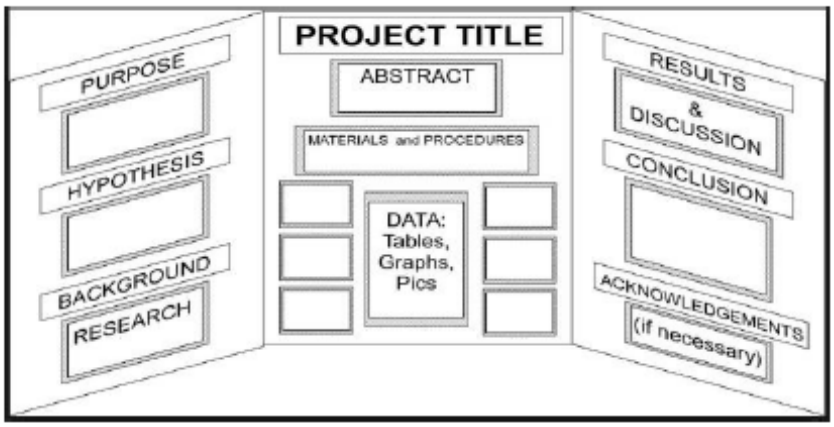
_____**Finalize Your Project (3-5 days) and Turn It In on February 18, 2020**

☐☐Put together your display board

_____**Family Science Viewing**

☐☐Family viewing February 18th, 2020 from 5:30-7:30 pm in the Grant Ranch atrium during the PTO meeting, and from February 19- February 27th during school hours (7:30 a.m. – 3:00 p.m.)

Science Fair, continued...



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 date; 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.

Destination Imagination

The Grant Ranch Destination Imagination teams will be competing in the regional DI tournament on March 14, 2020 at the Evie Dennis Campus.

Grant Ranch has four teams competing in the tournament this year. All are welcome to attend and support our students as they collaborate to solve a challenge that won't be revealed until they take the stage!

News from 6th Grade

Hello from 6th grade! This January, sixth grade is completing their first book report. Book reports will be displayed after January 10th. Sixth grade will also be participating in the school's Science Fair. Look to our main lobby February 18th to view all of the amazing projects. As always, we have exciting upcoming field trips this Spring for the students to look forward to.

Grant Ranch middle School Shakespeare is in full swing!

Students have received and begun practicing their scripts. This year we will be performing scenes from Macbeth and The Tempest. In late April, 6th-8th grade Shakespeare students will travel to the Denver Center of the Performing Arts to participate in the annual Denver Public School's Shakespeare Festival with thousands of other students from across the district.

Skate City Dates

Please mark your calendar to join us from

4:00-6:00 at Skate City

February 19
April 19