EVERYTHING YOU NEED TO KNOW ABOUT

STEM FAIR 20-21!

- **Important Dates(Work with Teachers for additional information!):**
  - Thu   12/10   CUSEF Registration form due to teacher – complete for a treat!
  - Tue   12/15   Question, Hypothesis, and Research checkpoint – complete for a treat!
  - Thu   12/17   Materials & Procedures checkpoint – complete for a treat!
  - Thu   1/7   Data, Graph & Conclusion checkpoint – complete for a treat!
  - Thu   1/14   Project URL due (loom video presenting completed google slide)
  - **Mon   1/25   Franklin Elementary Virtual Stem Fair winners announced**
  - Fri   1/29   Provo School District Virtual Stem Fair (for Franklin winners)

- **How to Register:**
  - Complete the **CUSEF form** and return it to your teacher or the front office no later than Friday, December 11th. A printed copy of the form was sent home with this information sheet (green), you can also print the form here: https://provo.edu/wp-content/uploads/2020/08/8-19-2020-elementary-cusef-form-printable.pdf

- **What's New?**
  - STEM Fair is **100% VIRTUAL** this year! It will be entirely online on the school, district, and state level. This means that there will be no physical display board or in-person presentation. Instead, each student will submit a **URL link with a loom video presenting a google slide**. This is all very easy to do and many resources have been created to help you along the way!
  - To create your **google slide presentation**, go to https://docs.google.com/presentation/d/1Gez4d_n0NG0wIKLbUW0cXQhRyb8zJR_Z8GbNKt5_p5M/edit?usp=sharing and follow the directions in the first slide. In the slides with red text, once you make a copy, you can type your information in place of the red text to create your presentation!
  - To make a **loom video**, start by going to https://www.loom.com/ and clicking on "get loom for free" to create an account. Follow the instructions in loom to record yourself presenting your google slide.
  - In your loom video, be sure to present each portion of your google slide display, since this will be your only opportunity to show the judges what you know. If you go through each heading of your google slide display and then pay particular attention to answering the 6 questions in the conclusion box of your display, then you will cover what the judges need to know!

- **Helpful Hints:**
  - **All the links…**https://provo.edu/teaching-learning/stem/stem-fair/ is the link to the **district website** where you can find all things STEM Fair, including registration forms and helpful resources such as printable stem journals. Scroll down to where it says "Forms for Stem Fair Participation" and "Helpful Hints".
  - **How to pick a project…**https://www.sciencebuddies.org/ Click on "science projects" and "topic selection wizard" and answer the questions for help finding a project topic that is right for you! When you find one you like, it is a good idea to see how you can change it slightly to make it your own. This website also has so many resources to walk you through each step of your project, check it out! https://www.sciencebuddies.org/science-fair-projects/science-fair
  - **Projects to avoid:**
    - Projects testing animal or human participants. Permission from each participant, their parents if they are a minor, and often forms signed by a medical doctor or vet are required.
    - Projects involving growing mold.
    - Projects that require you to check a box other than "I completed a project" under the "required project approval" section of the CUSEF registration form. These require additional paperwork and must follow very strict guidelines, making them difficult to carry out and qualify to move on.
  - Christmas break is a great time to carry out your project and collect/record your data.

- **Judging/Prizes**
    - When students turn in their complete CUSEF registration form on or before Dec. 10th, they will receive Pop Rocks candy for "Popping" into the STEM Fair so quickly!
    - Students will receive a card to keep at school which will be initialed when they complete each check-in point by the scheduled date. When all boxes on the card are initialed, students will get to pick a prize!
    - On 1/25 the Franklin winners will be announced, and all participants will receive a ribbon, certificate, and prize!
    - Franklin 1st, 2nd, and 3rd place winners will receive a special place ribbon and other prizes!
    - Franklin 1st place overall winners will submit their projects to move on to the district level STEM Fair on 1/29. They will receive participation prizes, and district winners receive large prizes and move on to the state level.

- **Contact Info**
  - If you need help with any part of your project at any time (choosing a topic, registering, creating the google slide, creating the loom video, etc.) I am more than happy to help! Bailey Danielson, baileyd@provo.edu