



## T.M. Clark Elementary School

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**Date:** December 1, 2020

**To:** TM Clark Parents and Students

**From:** TM Clark Science Fair Coordinators

This school year has been filled with so much newness, new programs, new teaching methods, and new learning methods. With that in mind, students will have the opportunity to present their science fair project in a NEW way this year, without the traditional science fair display board. The science fair is optional for students; however, students who have been identified as **Gifted and Talented (GT) in grades K-5, are required** to complete a project.

The purpose of the Science Fair is to encourage students to develop skills in science, technology, critical thinking, research, problem-solving, and use of the scientific method. Teachers and science fair coordinators will be available to advise students, but the initiative and responsibility belong to the students. Parents and other adults are encouraged to assist as necessary.

Each participating student will receive an invitation to join a Teams group with the Science Fair Coordinators. This group will serve as a method of communication and will include the templates, expectations, and due dates for the science fair project presentations. The Power Point template will replace the traditional science fair project journal that students usually use to keep track of their progress. The **final presentation is due on February 2, 2021**. More information and examples to help your child begin his/her project will be sent this week via Teams. If interested in participating, please inform your child's science teacher or science fair coordinators via Remind or email by Friday, December 4<sup>th</sup>.

Each student participant must be able to demonstrate and explain the project orally. *All students' projects will be presented via Teams or Zoom to their homeroom class. The top projects from each class will be selected to advance to the campus science fair to present to science fair judges, virtually.*

The campus science fair will be held on February 9, 2021 and will be judged in six divisions: Kindergarten, 1<sup>st</sup> grade, 2<sup>nd</sup> grade, 3<sup>rd</sup> grade, 4<sup>th</sup> grade, and 5<sup>th</sup> grade. The top 3 places in each division will advance to compete in the 10<sup>th</sup> Annual G-PISD Science Fair, which will also be virtual on February 27, 2021.

Thank you,

TM Clark Science Fair Coordinators

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## General Information

- Only projects that are **EXPERIMENTS WITH TESTABLE QUESTIONS** are eligible to advance to the G-PISD District Science Fair.
- All science fair projects will be submitted on the PowerPoint template in Teams that your teacher will assign. If you have any questions about this requirement, ask your science teacher.
- Projects will be judged by division and must be EXPERIMENTAL investigations, NOT demonstrations or models.
- You must get teacher approval before you begin your project investigation.

### **Timeline to pace your project:**

Problem and Hypothesis.....	Tuesday, December 8
Materials and Procedures.....	Monday, December 14
Variables.....	Thursday, December 17
Sign up for graph help, if needed.....	Friday, January 15
Submit Science Fair Presentation Assignment on Teams.....	Tuesday, February 2
Campus Science Fair.....	Tuesday, February 9

## Helpful Websites

<http://school.discoveryeducation.com/sciencefaircentral>

<http://www.education.com/science-fair/>

<http://www.sciencebob.com/index.php>

[http://www.sciencebuddies.org/science-fair-projects/project\\_ideas.shtml](http://www.sciencebuddies.org/science-fair-projects/project_ideas.shtml)

<http://www.all-science-fair-projects.com>

### **How to make a graph:**

Use the graph in PowerPoint

OR

[www.nces.ed.gov/nceskids/](http://www.nces.ed.gov/nceskids/)

<https://www.mathsisfun.com/data/graphs-index.html>

## Oral Presentation

Each student must be available for an interview with the judges, virtually. The interview will take approximately five minutes. The judges may choose to ask questions concerning the display or they may ask for a prepared presentation.

1. INTRODUCTION – A brief statement of the background and goals of the research.
2. PROCEDURES/EXHIBIT EXPLANATION – Step-by-step description of what was done or how the exhibit works.
3. FINDINGS – Results or observation of the results, including collected data.
4. CONCLUSION – Interpretation of the results or how it applies to everyday life.
5. EXTENSIONS – Now what? What would you do further if you were a scientist?