



Dear families,

This year our annual Science Fair will be amazing, but it will look a bit different from last year. Your child will either participate in the King Science and Technology Magnet Annual Science Fair or participate in a true science investigation. The Science Fair will be held virtually this year. As the only middle school science magnet in the city, KSTM's science fair is a long-standing tradition. With the restraints presented this year due to the pandemic, we wanted to offer the option of either following the traditional route or completing a scientific investigation. During the next few weeks, your child will design a science project that uses the scientific method to solve a problem. Alternatively, he/she might begin their study of a concept that is being taught in their grade level science teacher's classroom. The educational benefits are numerous; your child will develop skills in writing, oral presentation, creative thinking, and problem solving. No matter what they choose, they will have the support of their teachers.

Each student has been given instructions and a digital science fair/science investigation notebook to guide them through the entire process. You can view this notebook via Microsoft OneNote if you need assistance in understanding the process; your student will know how to find it. Time will be given during science class for students to work on this project, but they will also need to work on it from home.

The project and/or investigation will be graded and reflected upon in your student's science class. In other words, students must complete a test, survey, or experiment to determine the answer to their question instead of just looking it up in a book or online. Remember to use supplies that are readily available for your student's use. We will begin offering virtual help on Wednesdays after school, starting Oct. 28th. We encourage students to pick topics that they are genuinely interested in to ensure their greatest success.

For the science investigation, students will be gathering information, data, history, etc. of a specific concept found within the current curriculum they are learning.

**It's very important to select either the science fair project or science investigation. Students will not be allowed to change projects once selected.**

Enclosed is a schedule outlining due dates and important information regarding your child's project. We ask that you encourage your child and monitor his or her progress along the way. Your support is key to successful project completion.

Please review the digital Science Fair/Investigation notebook with your child. Let us know if you would like more information on how to best assist your child. If you have any questions, please contact our science coach, Mr. Galdamez by email: [george.galdamez@ops.org](mailto:george.galdamez@ops.org)

Sincerely,

*Carrie Rath*

Dr. Carrie Rath

KSTM Principal

Mr. Galdamez

KSTM Science Lead Teacher

	Science Fair Project Step 1-3	Topic/scientific method/question	Oct 30 <sup>th</sup> /Nov 4 <sup>th</sup>
	Science Fair Project Step 4	Research	Nov 6 <sup>th</sup>
	Science Fair Project Step 5-6	Purpose/Hypothesis	Nov 13 <sup>th</sup>
	Science Fair Project Step 7-9	Variables/Materials/Design/Conduct	Nov 20 <sup>th</sup>
	Science Fair Project Step 10-11	Experiment log/graphs-data	Dec 11 <sup>th</sup>
	Science Fair Project Step 12-15	Results/Errors/Conclusion/Written	Jan 14 <sup>th</sup> (All these steps completed)
	Science Fair Reports/Virtual Submissions	Due	Jan 22 <sup>nd</sup>
	Infographics (Step 16)	Due	Jan 27 <sup>th</sup>
	School Judging	Virtual Judging day	Jan 29 <sup>th</sup>
	MSEF Science Fair Judging		Mar 4 <sup>th</sup>