



**The Dora Kennedy French Immersion (DKFI) STEM/SCIENCE Department
Invites you to participate in the 2020-2021 Student STEM FAIR**

October 2, 2020

Dear Students, Parents and Guardians:

DKFI Science, Technology, Engineering, and Mathematics virtual/electronic judging is on **Wednesday, January 13, 2021**. All participating students will complete their research, scientific and engineering methods, and work-in-progress with Google Slides and share it with their respective science teachers for correction and feedback. Google Slides are due to science teachers for uploading no later than **Monday, January 6, 2021**. **All electronic projects should meet the DKFIS electronic STEM fair directions and the PGCPSS STEM project guidelines.**

Even though the 2020-2021 STEM Fair is optional, all 3rd through 7th grade students are encouraged to submit a STEM FAIR project in ***French only***.

DKFI introduced the Virtual & ***Electronic Fair 9 years ago***. The electronic fair option is an exciting opportunity for students to submit STEM projects ***electronically***. Our Children incorporate computer-based learning, gain experience in preparing real-world technical presentations, and reduce material use.

Students in grades 6 & 7 have two options: ***An individual project or a team project***. A team will consist of no more than ***3 students***. Students are expected to form their own teams and submit their names to the science teacher no later than ***Friday, November 23, 2021***.

STEM Fair Competition sign-up for all students must be completed from ***11/09/2020 through 11/23/2020 by 11:59 p.m.*** Make sure your question, materials, and procedure have been approved by your science teacher before you visit the website to sign up ***<https://tinyurl.com/regdkstem2021>*** Only projects that have earned full approval from your science teacher and have been corrected and reviewed by the science teacher will be ***retained for judging***.

The judges will select the projects that will represent DKFI at the Elementary or the Secondary Area STEM Fair Competition in 2021.

DKFIS Electronic Fair Directions

1. One file of the FINAL project must be turned in using the **Google Slides Format**. **Students must label the project document with their Last Name, First Name, Teacher name and Class**. Grade level Science teachers will upload the electronic fair projects onto the DKFIS Science Department website.
2. The presentation file must have ***no more than 15 slides or pages (photos included), and must not exceed 1000KB***. It should contain everything that would normally go on your backboard. Pictures, text, and scanned drawings are all acceptable. All students must bring their Google Slides to their science teachers for uploading no later than ***Monday, January 6, 2021***.
3. Please go to ***<http://tinyurl.com/rgfsciencerocks>*** for sample projects and ideas. Plagiarism will disqualify students.

Please support this valuable experience. On the next page is the ***STEM e-fair timeline for due dates***. Thank you for contributing to the success of our Virtual & Electronic STEM Fair and all school wide activities. ***Please Join the PTA.***

Sincerely,

James Spence

Peter Mills
STEM Coordinator

Approved by: Mr. James Spence, II
Principal

The Dora Kennedy French Immersion STEM/Science Department

2020 – 2021 STEM Project and Fair Competition-Timeline & Due Dates

Virtual judging: Wednesday, January 13, 2021

NO FACE TO FACE INTERVIEWING/JUDGING THIS YEAR

For most students, the hardest part of completing a STEM project is selecting an investigative question. It is important that your question be one that you are interested in. Your question must lead to an **investigation** (an experiment with no less than 3 trials) *NOT a report, a demonstration, or a model*. You must be able to collect data and analyze them to draw conclusions rather than establishing opinions. Your question should be investigative, specific, and the materials needed to experiment must be safe.

COMPETITION SIGN-UP for Grades 3 through 7

*11/09/2020 through 11/23/2020
by 11:59 p.m*

OCTOBER, 2020

Parent information Session ----- October 21, 2020 6:30 - 7:30 pm

Student's scientific question and Materials list due to teacher for approval ----- October 26, 2020

STEM Project support for Students with respective science teachers ----- October 28, 2020 (9:15 - 11am)

NOVEMBER, 2020

Student research due to teacher ----- November 2, 2020

Prediction/Hypothesis supported by research due to teacher ----- November 9, 2020

Procedure & variables due to teacher for approval ----- November 16, 2020

CONDUCT YOUR EXPERIMENT AS SOON AS THE PROCEDURE AND MATERIAL LIST ARE APPROVED BY YOUR SCIENCE TEACHER.

DECEMBER, 2020

Data & results due to teacher ----- December 14, 2020

STEM Project support for Students with respective science teachers ----- Dec. 16, 2020 (9:15 - 11am)

Conclusion with an idea for further investigation due to teacher----- December 21, 2020

JANUARY 2020

Final project already corrected and edited in electronic format (Google Slides)
due to teacher for uploading ----- January 6, 2021

Virtual judging of STEM Projects by judges ----- January 13, 2021

Publication of Results on the DKFI science dept. website ----- January 20, 2021

Awards Ceremony in Collaboration with the PTA TBD

All students in grades 3 through 7 must use Google Slides.

James Spence

Approved by: Mr. James Spence, II
Principal