The Dora Kennedy French Immersion (DKFI) STEM/SCIENCE Department
Invites you to participate in the 2023-2024 Student STEM FAIR

October 05, 2023

Dear Students, Parents and Guardians:

DKFI introduced the Virtual & ***Electronic Science, Technology, Electronics and Math (STEM) Fair 12 years ago***. The electronic fair option is an exciting opportunity for students to submit STEM projects ***electronically***. Our students incorporate computer-based learning, gain experience in preparing real-world technical presentations, and reduce material use.

DKFI STEM virtual/electronic judging is on **Wednesday, January 10, 2024**. All 3rd through 7th grade students are encouraged to submit a STEM FAIR project in ***French only***. All participating students will complete their research, scientific/engineering methods, and work-in-progress with Google Slides. Students will share the presentation with their respective science teachers for correction and feedback. Google Slides are due to science teachers for uploading no later than **Wednesday, January 3, 2024. All electronic projects should meet** the DKFI electronic STEM fair directions and the PGCPS STEM project guidelines.

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 17, 2023**.

STEM Fair Competition sign-up for all students must be completed from **11/17/2023 through 11/27/2023 by 11:59 p.m.** Make sure your questions, materials, and procedures have been approved by your science teacher before you visit the website to sign up **2023-2024 STEM FAIR REGISTRATION**. 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 2024.

DKFI 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 DKFI 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 **Wednesday, January 5, 2024.**

3. Please go to http://tinyurl.com/rgfisciencerocks 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.

Sincerely,

James A. Spence II

Clovis Djeutcha, STEM Coordinator

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Approved by: Mr. James Spence, II**,** Principal

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The Dora Kennedy French Immersion STEM/Science Department

2023 – 2024 STEM Project and Fair Competition-Timeline & Due Dates
<mark>**Virtual judging: Wednesday, January 10, 2024**</mark>
<mark>**NO FACE TO FACE INTERVIEWING/JUDGING THIS YEAR**</mark>

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　　　　　　　　*11/17/2023 through 11/27/2023 by 11:59 p.m*
<mark>**OCTOBER, 2023**</mark>

Parent information session ---**October 13, 2023 6:30 - 7:30 pm**

Student's <u>Scientific Question and Materials List</u> due to teacher for approval ------------ **October 20, 2023**

<mark>**NOVEMBER, 2023**</mark>

Student <u>Research</u> due to teacher --- **November 3, 2023**

<u>Prediction/Hypothesis</u> supported by research due to teacher ------------------------------ **November 10, 2023**

<u>Procedure & Variables</u> due to teacher for approval -- **November 17, 2023**

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

<mark>**DECEMBER, 2023**</mark>

<u>Data & Results</u> due to teacher -- **December 15, 2023**

<u>Conclusion</u> with an idea for further investigation due to teacher-------------------------- **December 22, 2023**

<mark>**JANUARY 2024**</mark>
**<u>Final project</u> already corrected and edited in electronic format (Google Slides)
due to teacher for uploading** --- **January 5, 2024**

Virtual judging of STEM Projects by judges -- **January 10, 2024**

Publication of Results on the DKFI science dept. website ---------------------------------- **January 22, 2024**

Awards Ceremony in Collaboration with the PTA　　　　　　　　　　　**TBD**

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

James A. Spence II

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Approved by: Mr. James Spence, II Principal