

Dear Fifth & Sixth Grade Parents,

September 2017

Your fifth and sixth grade student will be doing a STEM project: engineering, scientific method, or computer programming. Students can work by his/herself or in groups no bigger than three members. Students can work with another fifth or sixth grader from the school.

Engineering or science fair projects will be published using a tri-fold cardboard display board. The school has boards to lend to students if needed. Also, students need to document their project using a journal and display with tri-fold board.

**Student will have limited time to work on their project at school.** Students will receive instruction about researching and creating bibliographies during library time. Students will also have some time to research at the computer lab during rotations.

Additionally, students have been learning about the engineering process. Students have this accompanying resource packet explaining the engineering process, which solves a problem through designing, prototyping, testing, and redesigning as needed. At the below site other resources and journal templates are available.

Jordan School District has created a website with everything from mini-grant applications (up to \$60 to off-set costs), to rules and PowerPoints that differentiate between the three types of STEM projects (engineering, computer science, and scientific method).

<http://elemscience.jordandistrict.org/stem/students-and-parents-stem-fair-project-information-for-the-school-stem-fair/>

You will find the JSD link and the three different types of journal templates you can download and type directly to display with board at Midas Creek's website under "Curriculum" (far right in menu bar) and then select "science" from the drop down menu. <http://midascreek.jordandistrict.org/curriculum/science/>

### **Important due dates for Fifth and Sixth Grade STE Fair:**

**Monday, December 4, 2017-** Project Display Board and journal due in classroom; Student Interviews and Classroom Judging.

**Thursday, December 7, 2017-** School fair set up during school hours (for all entries).

**Friday, December 8, 2017-** Student display and share with public; Selective Interviews and School Judging for classroom winning entries; Open to the public 9:30 AM- 10:45 AM.

**Saturday, January 30, 2018-** JSD Final Engineering Fair Mini-grants deadline (up to \$60 per project) to offset prototyping costs; families submit on own with original receipts. Approved on a rolling basis; sooner submitted the better.

**Wednesday, February 21, 2017-** JSD STEM Fair for school winners.

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I am aware my student, \_\_\_\_\_, is required to complete a STEM project. I have noted dates and resources available including the rules. I am aware my student can apply for monies to offset prototyping cost through a JSD mini-grant, but the application must be completed and submitted by the family, complete with original receipts to receive funds. Before a student can begin a STEM project, the application must be completed and have the necessary signatures.

\_\_\_\_\_ (Parent's Signature) \_\_\_\_\_ (Date)