**Dear 6th Grade Bryant Parents: February 22nd, 2019**

As we approach the spring and the remaining of the rest of the school year it is time to start thinking about the annual Bryant Middle School Science Fair in early May. The entire middle school is required to submit a finished project at the end of April and the top student experiments move on to compete for the overall best in each grade level. All science projects must follow the Scientific Method; therefore, it must also be measurable and have at least two variables. These group projects will be done on a tri-fold presentation board per 3 to 4 team members and a majority of the work will be done within the classroom under teacher supervision; however, some materials may need to be brought from home and some work may need to be done at home.

But before we get ahead of ourselves students must come up with an approved topic. Students just can’t pull any idea out of thin air and it must pertain to something from the 6th grade curriculum. You will find a list of general science topics listed below. The 6th grade teachers are asking that students first do research on a topic and find a scientific question that can be answered using the Scientific Method and that essential question be submitted by **March 4th, 2019**. Think can I answer my question by doing an experiment that also can be presented at a 6th grade level.

Here is an example… *What age group or gender has a faster heart rate when playing video games for an extended period of time?*

This example is not only measurable, but has multiple variables (ages and gender) and would give lots of data that can be easily compared and contrasted when writing out a Lab Report. It is important to keep that in mind.

**General Topics from the 6th Grade Curriculum**

* The Human Body & its Organ Systems
* Cells
* Genetics
* Weather & Climate
* Thermal Energy
* Heat
* Engineering Design Process

**The Scientific Method**

1. State the Question
2. Research the Topic
3. State the Hypothesis
4. Procedure & Sequence of Steps
5. Data & Results
6. Conclusion

Thank you for your support and we look forward to having creative, thoughtful and well developed experiments that we can all be proud of.

**-Mr. Peterson, -Mr. Kerr & Mrs. Makowski**

**6th grade science teachers**