**ST. DAMIAN SCHOOL**

**JUNIOR HIGH SCIENCE FAIR**

**INFORMATION FOR PARENTS**

Dear Parents/Guardians,

As you may have already heard, the Junior High students will hold a Science Fair on **Thursday March 9, 2017 from 6:30-8:00**. Students will have their projects displayed in the gymnasium. All family, friends, and students are welcome to view each students finished project. Judges will also be viewing each project. The objective for this fair is for students to implement the Scientific Method. Students were given a copy of the requirements for their projects and we have thoroughly reviewed the Scientific Method.

Students may have chosen to work alone or with a partner. Please ask your child whom they will be working with. The topics that the students’ have chosen are subject to teacher’s approval. An information packet to help students prepare for the science fair has been given to your child in class. Please ask to see this packet. Additions to this packet will be added and given to child the day of this letter. Additions will include the timeline, research report requirement, and reflection report paper requirement.

**RULES**

* Use the Scientific Method:
	+ *Problem*: State the purpose as a question.
	+ *Research*: Look for background information. (One-page report)
	+ *Hypothesis*: Based on research, what do you think the answer to the question is?
	+ *Plan and conduct*: List materials, design, create step-by-step instructions, and test.
	+ *Record data*: Make observations, analyze results and write data in journal
	+ *Conclusion:* What did you observe, answer the question, and what did you learn.
* No hazardous chemicals, open flames, torches, or burners.
* Cultures of molds and bacteria must be completely sealed.
* Safe handling of electrical or mechanical equipment.
* Recommended use of plastic containers instead of glass.

**TIMELINE/CHECKPOINTS**

* ***Due Monday, February 6, 2017*** – Signed Display Board Requirement Form, display board money, and signed Information for Parents form.
* ***Due Friday, February 10, 2017*** – Rough draft of the Problem/Question, Research Report, and Hypothesis (1page report .
* ***Due Friday, February 17, 2017*** – Rough draft of planning and conducting of experiment.
* ***Due Friday, March 3, 2017*** – Experiment should be completed. Rough draft of the conclusion/analysis (1 page typed report of analysis to be placed on board or in front of display) .
* ***Due Friday, March 17, 2017*** – 1 page reflection paper (Each student will do a reflection on their own. Time will be given in class).

Students will be given time in class to research, prepare, and organize their project. However, the actual creating and conducting of the experiment will have to be done at home. There will judging of the projects, so students will have to be very knowledgeable and prepared to answer questions about their projects.

I hope your child will enjoy this experience as well as help them prepare for future fairs.

If you have any questions, please feel free to email me at b\_jones@stdamianschool.org. Thank you!

Sincerely,

Mrs. Jones

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**PARENT INFORMATION ACKNOWLEDGEMENT**

***Please sign below indicating that you have read over the expectations, reviewed student packet (given to student), and are aware of student’s partner(s), and topic of their project.***

* I am aware that my child \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has chosen to work

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Alone

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ With a Partner(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* I am aware that my child has chosen the topic of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to work on for the Science Fair.
* I have reviewed the student packet that has been given to my child.

*Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*