



Thursday, February 25th, 2016

5:30–8:00pm

Information Packet

On December 17th your students will attend an all school science assembly. Be sure to ask them all about what they learned! Then start a conversation about this year's Family Science Night. The JB Nelson Family Science Night is in February this year! As you enjoy some family time over the winter break consider what your students might do to participate this year.

Here is a schedule of important dates and times you should be aware of.

Science Assembly for all Students	December 17, 2015
Information and brainstorming topic help session	January 5, 2016 5:00-6:00pm
Intent to participate form due	January 15, 2016
Science project display help session	February 2, 2016 5:00-6:00pm
Bring project to school	February 25, 2016

Projects can be dropped off between 3:30 and 5:30

Family Science Night	February 25, 2016
Schedule:	5:30-6:20pm Free time to explore projects and science stations
	6:20-7:15pm Presentation by Steve Belliveau "Getting Excited About Science"
	7:15-8:00pm Free time to explore projects and science stations



Dear Parents and Students,

On February 25th, 2016, the J. B. Nelson PTO will host its second annual Family Science Night. This night will provide an opportunity for students and their families to explore their scientific curiosity through various hands on exhibits, scientific demonstrations and student created displays. If those activities aren't enough to pique your interest, we've even secured a special guest performance by Steve Belliveau! Called "Getting Excited About Science!" It will be an entertaining and educational presentation for everyone to enjoy.

In order to make this night a success, WE NEED YOUR PARTICIPATION! The enclosed packet contains information students can use to help them develop a project to display. Students can choose to do a project individually, with other JB students in your family, or collaborate with a friend. There are many different types of projects and displays suggested. With their parents help, students of every grade level should be able to find a project to complete and display.

If your student wants to participate and create a display but you need financial assistance to do so please contact Julie Phillips julie.phillips@bps101.net or Taylor Grandchamp taylor.grandchamp@bps101.net for information on how the PTO can help.

While it is encouraged, conducting and displaying a science project is not required in order to participate in Family Science Night. Whether you choose to, or just come to enjoy an evening of scientific discovery, we hope you will join us in February!

Please contact Ellen Kohlmeir at ekohlmeir@gmail.com or Heather DeBaun at hdebaun@gmail.com with any questions.

Scientifically yours,

Your PTO Family Science Night Committee

So you think you might want to do a science project. Well, keep reading! This is not your typical science fair. It is not judged or graded. You can do any project that you are interested in just as long as you are learning about science. There are many types of projects you can do. You can also choose to do your project with any other students. If your family has several students at JB Nelson you can choose to do a project together or perhaps you want to each do your own. You can do a project with your best friend. Pretty much anything goes. There are only a few rules!

1. Set out to learn something about science
2. Get help from your parents or another adult
3. Please be safe. Do not do anything that will harm anyone or anything. Big explosions are frowned upon.
4. Make a display that fits within the guidelines and bring it to the family science night. Your display should teach other students about what you have learned.
5. Parents please support your students to make it a fun and successful project but remember to let them do as much as possible on their own.

So, what type of project do you want to do? On the Intent to Participate form on the next page there is a place to mark what kind of project you plan to do. Here is a brief explanation of the different types listed there.

Collection

A collection is a group of related items that can be displayed to show some variety in nature. This might be a great option for some younger students. Some examples of collections might be a rock collection, a leaf collection or a bug collection. Try and find a book at the library that might help you identify some or all of the items in your collection.

Demonstration/Model

A demonstration or model can be a lot of different things. It is kind of like what you might do if you worked for a museum. If you are a fan of history you could make a display highlighting the life and achievements of a famous scientist. If you love art you can display some artwork that is based on science and tell us how. You could make a diorama of an ecosystem. You could study and make a display of a scientific principal. For example, you could teach us about gravity. The possibilities are endless!

Invention

Are you creative and love to solve problems? Try and find a problem and design a solution by using materials around your house.

Experiment

Do you really want to think like a scientist? Many scientists test theories and discover things using the scientific method. You will develop a hypothesis (a guess) as to what will happen and then you will develop a way to test your theory, gather data, and develop a conclusion. An experiment is what a traditional "science fair" project would be.

Has one of these ideas caught your eye? Are you ready to get started or to learn more about the possibilities for your project? In order to conserve paper we did not send home the full packet of information. We include many more specific ideas and instructions for your project and how to display it. You can find all this information and resources in a document attached to the weekly newsletter from Mrs. Prentiss. Hard copies are available in the office, or you can email Ellen Kohlmeir at ekohlmeir@gmail.com and she will respond with an attachment that will have all the details you need to get started.

Get Ready To Have Fun Exploring This
Fascinating World We Live In!!!



Intent to Participate Form

Due January 15, 2016

Project Title _____

Type of presentation (Check one)

Collection Demo/Model Invention Experiment

Name _____

Grade _____ Teacher _____

Parent Name, Email Address, Phone



Intent to Participate Form

Due January 15, 2016

Project Title _____

Type of presentation (Check one)

Collection Demo/Model Invention Experiment

Name _____

Grade _____ Teacher _____

Parent Name, Email Address, Phone

