BLESSED SACRAMENT SCHOOL
Alexandria, VA

"Creating an Educated Community
To Serve Christ and One Another
With Integrity and Respect"

Welcome Rising 7th Graders to 7th Grade

Required Rising 7th Grade Summer Assignments

All assignments are due on or before the first day of school, Monday, August 27

History Assignment

Please send us a **postcard** from some place you visit this summer. (This is **NOT** optional; it is not extra credit.) This assignment is for your first grade of the year. ***Write a message*** on the other side about your observation or experience. Send to 7th Grade, Blessed Sacrament School, 1417 W. Braddock Road, Alexandria, VA 22302. It will be nice to come back to some mail! I would like this to arrive at BSS before August 24.

Literature Assignments

GRADE 7

1. ***Fever 1793*** by Laurie Halse Anderson
   Plot line -- Make a "timeline" that identifies, in order, the key elements of the story from beginning to end. **HINT**: You can tell a key event from a minor one if you ask yourself, "If this did not occur, would the outcome of the story be the same?" If the answer is "no," then it is probably a key event. The

2. timeline can be done on a long sheet of construction paper (8 1/2 x 13 or so). Be sure to include at least **TEN** events.

3. ***The Outsiders*** by S.E. Hinton
   Design three unique bumper stickers for three of the main characters in this novel. On the back of each character bumper sticker, list at least three traits of each character. You will create three (3) bumper stickers in total. For character traits, choose traits that really tell me something about the character; "nice," "cool," "awesome," and "amazing," for example, do not actually give me information about the character.

4. Theme is the central message/central idea that the author is expressing about life. For example, the theme in the movie *Brave* is the love (and conflict) between mothers and daughters. In the book *Wringer* by Jerry Spinelli, the theme is courage to stand up for your beliefs.

   The following pairs of books and movies each have the same theme. Choose one pair and read/watch it. What is the central message/central idea of both the book and the movie? Write an **outline** for a five paragraph essay that (a) briefly describes the plot of both the book and the movie, (b) states the theme that is present in both, and (c) provides examples of the theme in the book and the movie. Your outline should be in a traditional format.

   The Summer I Saved the World...in 65 Days by Michele Weber Hurwitz
   Pay it Forward (PG-13)

   Hatchet by Gary Paulsen
   Cast Away (PG-13)

   Call it Courage by Armstrong Sperry
   Finding Nemo (G)

   Hoot by Carl Hiaasen
   Wall-E (G)

   The Two Princesses of Bamarre by Gail Carson Levine
   Frozen (G)

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Math Assignment

Your summer math assignment is to complete the following skills on the **multiple** grade levels on https://www.ixl.com/signin/blesseds (you can access the website on any computer or you can download an app for your Apple/Android device). The lessons selected are based on the results from the Performance Series Assessment as well as the End of 6th grade math placement test. You must achieve a Smart Score of at least 80 on all skills.

- Grade 5-J.5 Division with decimal quotients word problems
- Grade 5-M.15 multiply two fractions
- Grade 5-N.9 Divide two fractions
- Grade 6-AA.3 write inequalities from number lines
- Grade 6-AA.4 Solve one-step inequalities
- Grade 6-BB.5 Complete a table for a two-variable relationship
- Grade 6-C.5 Divide whole numbers
- Grade 6-EE.3 Nets of three dimensional figures
- Grade 6-FF.3 Area of Triangles
- Grade 6-M.3 absolute value and opposite integers
- Grade 6 -S.9 Find the total given a part and a percent
- Grade 6-X.2 graph points on a coordinate plane
- Grade 6-Z.4 model and solve equations using algebra tiles
- Grade 7-BB.15 interpret box and whisker plots
- Grade 7-C.3 add and subtract integers
- Grade 7-C.7 multiply and divide integers
- Grade 7-J.1 understanding ratios
- Grade 7-L.6 Percents of numbers word problems

If you are unable to access a computer over the summer or would prefer to not do computer based summer math work, don't worry! You may complete the summer math book instead. Those students that had Mrs. Cassella for math this year should order the Grade 7 summer math book. Those students who had Mrs. Dougherty for math this year should order the Grade 6 summer math book. The link below will bring to the math book order website:

http://www.summerskills.com/books/summer-math-skills-sharpener-1

Enjoy your summer and keep your math skills fresh!

Ms. Cassella and Mrs. Dougherty

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Science Assignment

SCIENCE EXPERIMENT – Turn in Lab Report to Science Teacher in first science class

Each rising 7th grader is required to complete a simple science experiment over the summer and prepare a lab report. This will be a step in your overall preparation for Science Fair next year. As you glance through science experiment books or science experiment websites, find an experiment that catches your interest and allow yourself to wonder.

Great scientists and inventors look at the world around them, observe problems, wonder, ask questions, come up with a best guess about the answer to the problem or question, and perform an experiment to determine whether their best guess is accurate. As they experiment, they observe and collect data. They analyze the collected data and wonder – does this data support their best guess? A scientist's conclusion is based on data collected during the experiment, not from looking up an answer on the internet!

Your lab report must have **YOUR NAME** at the top, and then also include the following:

1. **Name** of the experiment and attribution (that is, where you found it).
2. Identify the **question or problem** you wonder about / experiment addressed.
3. **Hypothesis** – Come up with your best guess about the answer to your problem or question; this should be original and in an "if…, then…" format
4. **Materials List** – List everything you needed for the experiment.
5. **Procedures** – List the steps needed to set up the experiment and collect data (include how often will the experiment be observed and data collected)
6. **Results** – What did you observe? Record data and observations about what happened *from the experiment*, or a description of what happened – this should be written by you, not downloaded from anything.
7. **Analysis and Conclusion** – Consider your results in connection with your hypothesis – did your results support or disprove your hypothesis, or was the experiment inconclusive? If there was anything unusual that you believe influenced your results, be sure to mention that too.
8. **What did you learn** from this experiment? Write a paragraph that summarizes what you learned and what you found surprising or interesting.
9. Wonder! What **new questions** came to mind as a result of doing this experiment?

- Your name, date and experiment title must be at the top of the paper.
- The lab report should be approximately one to two pages for the basic information (steps #1-#5 and #7-#9 above; longer if there are lengthy procedures and/or materials list).

- You may want to record your data and observations (step #6 above) on a separate page(s).
- Drawings and photographs are welcome and helpful, but not required.
- Experiments can be selected from a science experiment book or any of the resources below, or from another resource you find online or in a book.
- You must provide full attribution (the full website link or the book's name, author, experiment, and page number).

http://www.parenting.com/gallery/easy-science-fair-projects-kids?pnid=514437
http://www.stevespanglerscience.com/summer-science-experiment-guide.html
http://www.hometrainingtools.com/science-projects/c/1072/

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