

# Grade 5 Math

St. Francis de Sales Catholic Academy 5<sup>th</sup> Grade **Math** will be taking place in room 305 with Mrs. Marlo Fountaine.

As you may already know, *Go Math* by Houghton Mifflin Harcourt is the curriculum and workbook we will be using this year. This workbook has been divided into two volumes. Your child was given "Volume 1" already. Students will receive "Volume 2" when Volume 1 has been completed after Chapter 5. This workbook is the "textbook, workbook and homework book" all in one. We are excited to implement ***Scholastic's DynaMath Magazine*** into our curriculum this year. This magazine (with online component) helps to make math fun by engaging students in exciting real-world math connections and motivating math practice. The only additional materials they will need for Math class is their notebook, Math folder, four sharpened pencils and working erasers at all times.

The student's trimester grade will depend on the following: Class Work, Participation, Homework, Quizzes, Tests, Projects and POWs (Problem of the Week).

## *Class Work/Participation (5% of their grade)*

Students are required to complete all assignments given in class and to do so by following the classroom guidelines and procedures. Students are expected to participate in class by answering and asking questions, listening to others' questions and answers respectfully, paying attention during class and working cooperatively with others. Occasionally, class work will be collected and graded.

## *Homework (10% of their grade)*

Math homework is given each night and must be completed. Students are given a homework grade of 100 at the start of the trimester. If all homework is completed with good effort and show their work when needed, students will earn 100% of the homework grade at the end of each trimester. Each time a student does not have homework, 5 points will be deducted from the 100 original points. 1 to 4 points will be deducted for incomplete homework, depending on how incomplete it is. Homework will be checked in class each day. Occasionally, homework will be collected and graded. Students must always show their work on the homework page, loose leaf paper or in their notebooks.

## *Quizzes (20%) / Tests/Projects (50% of their grade)*

All quizzes, tests and projects meet NYS Common Core Standards for 5<sup>th</sup> Grade Math. Quizzes are usually given in the middle of a topic covered to be sure students are "on target" with the material learned. Tests are usually given when a complete concept has been learned and students should have reached all of the class objectives for that topic. There will also be a couple of fun and easy math projects throughout the year that will be worth a test grade each.

## *Problem of the Week (POW) (15% of their grade)*

When students receive a POW, they must turn it in on the day it is due. If the POW is handed in any later than the due date, points will be deducted from the assignment. We will do at least two practice POWs in class before they are required to complete the problem on their own. The problem of the week is worth 10 points each as follows:

1 Point – Read: What do I need to find?

Students should restate the question, specifying only the important information they need to find.

2 Points – What information do I need to use? State which facts in the question are important to use.

3 Points – How will I use the information?

Specify how you will solve the problem and what operation you will use in the process. An operation can be addition, subtraction, multiplication, or division. Another method could be possible, as long as it makes sense and produces an accurate solution. More than one operation may be required and should be specified. Indicate which numbers in the question will be used with which operations. Simply stating, “I will multiply.” is not a full 3 point response.

4 Points – Show how to solve the problem.

Complete all calculations, operations and strategies. If scrap paper was used, students should attach it.

Students should attach any diagrams, models or scrap paper along with written work to show me how they figured it out or if their answers did not fit into the boxes provided.

Only 2 out of 10 points is awarded for the correct answer. If a student gets a wrong answer but really explains it well and provides good reasons why they think it is correct, they could still get 8 out of 10 points. However, if a student gets the right answer, but doesn't explain or justify it, they could get just a 2 out of 10. EXPLAIN! I am more interested in how students think, figure things out, and explain themselves than just whether or not they get it right.

Students may talk about the problem with family and friends, but should do the writing up of the completed problem themselves.

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The use of technology in the classroom is an important reality, which will help to ensure successful learning for this generation. We will use various types of technology in the classroom to reinforce, add to and enhance our daily lessons. The students are also encouraged to use technology at home to help with their homework and assignments. If there comes a time when your child does not recall the lesson in class that day or was absent and missed the lesson, the internet is always a valuable source for reviewing the topic. Today, with all of the videos, lessons and games on the internet, there is never a reason to be unable to complete a homework assignment. They can search for each topic and will find a lesson or two on it. This will also teach our children how to do research and study for math using the internet as a valuable educational tool. YouTube is great resource for learning any topic we cover, given that the students search the website with parental guidance. <http://www.youtube.com> For many of our daily lessons, I also have created youtube.com videos specific to our lessons. They can be accessed via their Google Classroom pages or search on [youtube.com](http://www.youtube.com) for “M Fontaine”. Khan Academy online (<http://www.khanacademy.org>) has brief tutorials on all topics we will cover in class.

I can be reached at [MFontaine@stfrancisschoolbh.net](mailto:MFontaine@stfrancisschoolbh.net)

You can view this document and more class related information from your child's Google Classroom account.

*I look forward to a rewarding and enjoyable year with you and your child.*