

6th Grade Math Syllabus

**At the end of this course, you will**

* Be able to multiply and divide fractions and decimals.
* Connect ratio and rate to multiplication and division.
* Write, interpret, and solve expressions and equations.
* Develop an understanding of statistical thinking.
* Be a confident problem solver.
* Understand the importance of math and how it is useful in everyday life.

##### Online Resources

You can access your student’s math textbook online if you go to [www.glencoe.com/ose](http://www.glencoe.com/ose). Once you are on the webpage, it will ask you to enter an access code. The code is D93218756D.

Visit <http://glencoe.mcgraw-hill.com/sites/0078883261/student_view0/> to gain access to all of the resources that Glencoe has to offer, including homework help, practice chapter quizzes and tests, and much more!

### **Course Schedule**

There will be *at least* one quiz and one test per topic below. Additionally, students will be responsible for completing one project per quarter, as assigned by the teacher. The schedule will change as the teacher sees a need to spend more/less time on topics depending upon student understanding and previous knowledge.

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| --- | --- |
| Introduction to Algebra and Functions | Weeks 1-3 |
| Statistics and Graphs | Weeks 4-6 |
| Operations with Decimals | Weeks 7-9 |
| Applying Fractions | Weeks 10-12 |
| Operations with Fractions | Weeks 13-15 |
| Ratios and Proportions | Weeks 16-18 |
| Applying Percent and Investigating Probability | Week 19-20 |
| Measurement: Customary and Metric System | Weeks 21-23 |
| Angle Relationships, Triangles, & Quadrilaterals | Weeks 24-25 |
| Similar and Congruent Figures & Tessellations | Week 26 |
| Area & Perimeter, Circumference, Volume, Nets | Weeks 27-29 |
| Integers and Transformations | Weeks 30-32 |
| Operations with Expressions and Equations | Weeks 33-36 |

**Classroom B.E.S.T. Expectations:**

* **B**e responsible – Bring all materials, arrive on time
* **E**xpect Excellence – Actively participate, have the courage to do the right thing
* **S**afety First – Keep hands and feet to self, use materials appropriately
* **T**reat all respectfully – Use appropriate volume and language, treat others as you want to be treated

There are general rules throughout the school and the 6th grade team which are noted in the Student Handbook on pages 15-20. If rules that are in alignment with the handbook as well as with the classroom are broken, consequences will be enforced. Please ask for clarification as needed.

**Grading Policies:**

Students are expected to complete and turn in assignments and projects on time. Late work will be accepted up to one week after it was assigned and will receive partial credit no higher than a “C” average. Students missing two or more assignments as identified as “late” are expected to attend tutoring and will miss reward activities (such as our monthly celebrations).

**Absent/Make-up work:**

If students are absent, it is their responsibility to get their assignment from the absent folder. Absent students will be given the same number of days that they were absent to make up work they missed.

**Tutoring and homework help** will be available *at least* twice a week after school in my room (104). Please check the schedule for the days and times. Students that need additional help may make an appointment with me as needed.

**Grading Scale:** Your grade will be determined through a variety of activities and assessments.The weighting for each category is as follows:

Homework 15%

Classwork (Quest Challenge, Binder Checks, In-Class Assignments) 20%

Tests 40%

Quizzes/Projects: 25%

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| --- | --- | --- | --- | --- |
| 98 - 100 = A+ | 87 – 89 = B+ | 77 - 79 = C+ | 67 – 69 = D+ | 0 – 59 = F |
| 93 - 97 = A | 83 – 86 = B | 73 - 76 = C | 63 – 66 = D |  |
| 90 - 92 = A- | 80 – 82 = B- | 70 – 72 = C-  | 60 – 62 = D- |  |

#### **CONTACT INFORMATION**

Ms. Paige Ziegler ziegler@questpeoria.org (309)-403-0300

Please tear off along the dotted line and return to Ms. Ziegler by Thursday, September 1st to acknowledge that you and your parent/guardian have read through the 6th Grade Math Syllabus. If you have any questions, please contact me via the phone number or email address listed above.

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_