

W E L C O M E T O

6th Grade Math



ABOUT ME:

This is all about our class!

Mrs. Peggy Bishop

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LET'S CONNECT:



Schoology



Remind code:

@rcsmath6th

COME ON IN!

I am so excited to begin my 18th year teaching with you as my student! My goal is that you will leave sixth grade with an excitement for math and maybe just tell me on your last day...

I LOVE MATH

Mrs. Bishop, I love math too!



CLASS MATERIALS:

1 ½ in binder with 5 dividers

Loose leaf paper

Pencils

Composition book

Highlighter/Pens

TI-30X IIS Calculator

Scotch Tape



HOW WE WORK:

This year may still be a little different, but my goal is to have math class as normal as this new "normal" will allow. If you have to be quarantined, we will have a ZOOM link for you to Zoom into class. I may have students in class and online at the same time. We will have daily math review problems, binder with notes/worksheets, interactive notebook, lessons with discussion, and homework. All of the work will be accessible through Schoology. We will spend some extra time getting comfortable with Schoology program the first few days of school. Grades will be accessible through Schoology and Skyward.

HOMWORK:

All assignments will be given in class but accessible with the Schoology program.

STUDENTS AND PARENTS CAN LOG INTO SCHOOLGY TO SEE THE ASSIGNMENTS GIVEN

EACH MONDAY, I WILL SEND A MATH WEEKLY OVERVIEW TO EVERYONE WHO IS SIGNED UP ON MY REMIND..



TUTORIALS:

If you click on my name on the RCS webpage, you have a direct link to my email. I will have frequently used websites on Schoology. If you extra help on a lesson, I have videos from last year where I have taught each concept.

**After school tutoring may also be available by an RCS teacher.



SCORING:

Assignments will have a point value up to 100 points. Schoology and Skyward will keep track of assignments.

MRS. BISHOP MAY ASK FOR ONE-ON-ONE CONFERENCE WITH STUDENT OR SEND COMMUNICATION TO GUARDIAN IF NEEDED.

DEVICES:

We use computers daily. Please make sure to keep the computers charged in between classes and have your personal headphones with you in your laptop bag.



ABSENCES:

It is your (the student) responsibility to make up any assignments missed due to an absence. All assignments will be on Schoology with the date each assignment is due.



IMPORTANT DATES:

Parents: Any schedule changes/important messages will be sent by the school through school cast. In sixth grade, each teacher uses **REMIND** to messages to parents. **Please make sure you have signed up for all 3 class codes.**

6th grade CCSS

pacing guide MANEUVERING THE MIDDLE[®]

unit 1: decimal operations

add, subtract, multiply, and divide multi-digit decimals using the standard algorithm

6.NS.2, 6.NS.3

12-15 days

unit 2: fraction operations

divide fractions using word problems and models and find the greatest common factor and least common multiple of two numbers

6.NS.1, 6.NS.4

15-18 days

unit 3: the number system

use positive and negative numbers to represent real-world quantities; absolute value

6.NS.5, 6.NS.6, 6.NS.6a, 6.NS.6c, 6.NS.7, 6.NS.7a, 6.NS.7b, 6.NS.7c

12-15 days

unit 4: ratios

use ratios to solve real-world problems using tables, tape diagrams, double number line diagrams, and equations

6.RP.1, 6.RP.3, 6.RP.3a

15-18 days

unit 5: rates and percents

use rates to solve problems, find the percent of a quantity, find the whole given a part and percent, and convert units of measurement

6.RP.2, 6.RP.3, 6.RP.3b, 6.RP.3c, 6.RP.3d

20-23 days

6th grade CCSS

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unit 6: coordinate plane

solve real-world problems by graphing points in all four quadrants; distance between two points using absolute value

6.NS.6b, 6.NS.6c, 6.NS.8, 5.G.3

12-15 days

unit 7: expressions

apply properties of operations to generate equivalent expressions and evaluate expressions

6.EE.1, 6.EE.2, 6.EE.2a, 6.EE.2b, 6.EE.2c, 6.EE.3, 6.EE.4

14-17 days

unit 8: equations and inequalities

solve one-step equations and inequalities

6.EE.5, 6.EE.6, 6.EE.7, 6.EE.8, 6.EE.9

15-18 days

unit 9: geometry

area of rectangles, parallelograms, triangles, trapezoids, and composite figures, volume of rectangular prisms, and surface area and nets

6.G.1, 6.G.2, 6.G.3, 6.G.4

19-22 days

unit 10: data and statistics

statistical questions, measures of center, measures of spread, dot plots, histograms, and box plots

6.SP.1, 6.SP.2, 6.SP.3, 6.SP.4, 6.SP.5, 6.SP.5a, 6.SP.5b, 6.SP.5c, 6.SP.5d

16-19 days

6th Grade Pacing Guide 2021-2022

1st Nine Weeks	2nd Nine Weeks
<p>6.NS.A.1 - 6.NS.C.8</p> <p>Students will:</p> <ul style="list-style-type: none"> ● Apply and extend previous understandings of multiplication and division to divide fractions ● Compute fluently with multi-digit numbers and find common factors and multiples ● Apply and extend previous understandings of numbers to the system of rational numbers <p>TOPICS: Decimals (all operations), integers, opposites, rational numbers, absolute value, coordinate plane</p>	<p>6.RP.A.1-6.RP.A.3; 6.EE.A.1-6.EE.A.4</p> <p>Students will:</p> <ul style="list-style-type: none"> ● Understand ratio concepts and use ratio reasoning to solve problems <ul style="list-style-type: none"> ● Apply and extend previous understand of arithmetic to algebraic expression <p>TOPICS: ratios, ratio language, unit rates, ratio tables, exponents, variables, expressions, properties of operations, equivalent expressions</p>
3rd Nine Weeks	4th Nine Weeks
<p>6.EE.B.5-6.EE.C.8; 6.G.A.1-6.G.A.4</p> <p>Students will:</p> <ul style="list-style-type: none"> ● Reason and solve one-step variable equations and inequalities ● Represent and analyze quantitative relationships between dependent and independent variables ● Solve real-world problems involving area, surface area, and volume. <p>TOPICS: equations, inequalities, area of quadrilaterals, area of irregular shapes, volume, polygons in a coordinate plane, nets of three-dimensional figures</p>	<p>6.SP.A.1-6.SP.A.5</p> <p>Students will:</p> <ul style="list-style-type: none"> ● Develop understanding of statistical variability ● Summarize and describe data distributions <p>TOPICS: statistical questions, data displays, data distribution, dot plots, line plots, circle graphs, box-whisker graphs, quantitative measure of center</p>