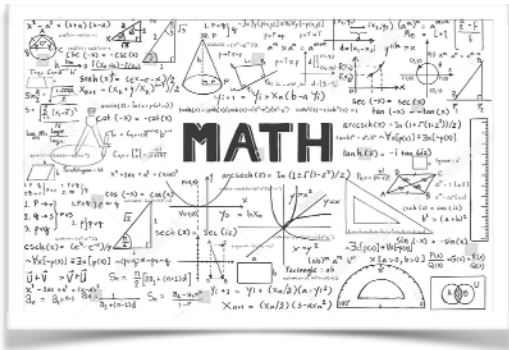


Grade 7 Math/Science

Mr. Beauchene's Course Outline



Course Overview

The Mathematics curriculum has been designed to develop deep mathematical understanding and fluency,

logical reasoning, analytical thought, and creative thinking. There is a focus on concepts related to number sense, patterns and relations, spatial sense, and statistics and probability. Students actively investigate problems and find solutions.

In this class we will learn math skills in a variety of ways: hands on manipulatives, stations and workshops, group work, games, technology, conferences, textbooks, and lots and lots of practice.

Assignments

Daily practice is important for putting new information into longterm memory. There will be plenty of time to work on and complete daily assignments in class. Any work that is not complete in class can be brought home for homework. As part of maturing as a student, students will be marking their daily assignments. They are to be marked in RED pen.

Class Communication

I use email to communicate with parents. I will send out notices and updates on students grades. Please ensure the office has an updated email for you so that you stay in the loop.

1

Decimals, fractions, and percents are used to represent and describe parts and wholes of numbers.

2

Computational fluency and flexibility with numbers extend to operations with integers and decimals.

3

Linear relations can be represented in many connected ways to identify regularities and make generalizations.

4

The constant ratio between the circumference and diameter of circles can be used to describe, measure, and compare spatial relationships.

5

Data from circle graphs can be used to illustrate proportion and to compare and interpret

Course Overview

Science and scientific literacy play a key role in educating citizens of today for the world of tomorrow. Students will



think critically, solve problems, and make ethical decisions; to communicate their questions, express opinions, and challenge ideas in a scientifically literate way; and all while showing responsibilities of

caring for living things and the planet.

The textbook will be using is BC Science Probe 7. We will be using RTCS' available technology including iPads and laptops. We will use the Scientific method to observe, analyze and make predictions about various outcomes. You will collect and interpret data and use research skills to gain scientific knowledge.

You will complete a wide variety of labs, projects and assignments. Projects may include written and oral reports, debates, PowerPoint presentations, group presentations, model building, and graphing. Other work will include worksheets, text questions, class discussions, quizzes, reading, etc. You will also be expected to self and peer-assess your work!

CLASS EXPECTATIONS

Your behaviour and participation in class directly affect your ability to learn. You are responsible for your own success. Should your behaviour prevent others from learning, could be asked to leave the class, stay in at lunch or break, move to another class to work. If behaviour continues, parents will be contacted to help resolve the issue.



Respect in my classroom means that every student feels comfortable and safe enough to reach their highest learning potential. If your

1

Evolution by natural selection provides an explanation for the diversity and survival of living things

2

Elements, and compounds.

3

Electromagnetism

4

Climate Change

Notebooks and Materials

You must arrive to class fully prepared. Please bring all the supplies you will need for the day and make sure assigned homework is complete. Here is a checklist for the materials you will need:

- One two - three inch binder for all subjects.
- Plenty of lined and blank paper
- Set of dividers
- Pencil case containing:
 - Red pen for marking and underlining headings
 - Highlighters
 - Pencils with erasers for drawing and pencil crayons
 - Scissors
 - Ruler
 - Geometry kit with protractor
 - **DRY ERASER MARKER (5) - Fine Tip**
- Rosedale Traditional Middle School Agenda Book. You must have this every class to record your homework.
- Your text book: Jump Math 7 and other resources we use throughout the year.
- **Can parents send in, as a donation to the class, 1 extra package of pencils for when students forget a pencil in their locker. This will help save valuable class time. Thanks**

Assessment, Evaluations and Grade-less

Students will be assessed based on a competency scale based on acquiring, and applying knowledge, skills, strategies and processes of every unit and concept. When we learn something new we all start at the beginning and we learn to apply what we learned independently we progress through the competency scales.

Student Competency Scale			
Beginning to acquire knowledge, skills, strategies and processes <i>"I am just get getting started and I learn best with help"</i>	Developing the ability to apply knowledge, skills and processes <i>"I am getting there and I am beginning to do more and more on my own"</i>	Applying knowledge, skills, strategies and processes consistently <i>"I get it and I can do it on my own"</i>	Extending knowledge, skills, strategies and processes creatively and strategically <i>"I get it and go beyond what is expected of me"</i>
<ul style="list-style-type: none"> • Student is beginning to understand at grade level expectations. 	<ul style="list-style-type: none"> • Student is developing understanding at grade level expectations 	<ul style="list-style-type: none"> • Student is applying understanding at grade level expectations 	<ul style="list-style-type: none"> • Student is extending understanding at grade level expectations
<ul style="list-style-type: none"> • Shows evidence that learner can demonstrate some progress toward the learning standards 	<ul style="list-style-type: none"> • Shows evidence that the learner can understand the learning standards in basic or familiar situations 	<ul style="list-style-type: none"> • Shows evidence that learner can transfer understanding of learning standards to both predictable and new situations 	<ul style="list-style-type: none"> • Shows evidence that learner can insightfully and creatively apply an in-depth understanding of learning standards in complex situations.

Assessments for student competency will be done through, class work, homework, projects, tests, labs and through anecdotal observations. Homework check will be done to make sure students are completing the work from the prior class.

Class procedures

Entering the room:

- Cell phones and personal devices must be left in your locker.
- Please leave food, gum, drinks, bags, jackets etc in your locker.
- Enter quietly.
- Sit in assigned seat.
- Review agenda on board.
- Take out necessary materials promptly.
- Respond to class greeting

The Class Greeting and Attention Signal (traditional):

- ♣ Each class will begin when the teacher addresses the class with a greeting. At this point students will stand to greet the teacher.
- ♣ Students are asked to stand and greet the teacher with the appropriate, "Good Morning," or "Good Afternoon." This signals the start of the lesson.
- ♣ A Zen bell will be used to get your attention during class time.
- ♣ Please stop what you are doing; class will not proceed until I have everyone's attention.

Addressing the Class:

- ♣ If you have a question, raise your hand.
- ♣ Be an active listener!

Food and Drinks in the Classroom:

- ♣ I will only accept closed water bottles that contain WATER.
- ♣ No other food and drink (including gum) is acceptable.

Moving Around in Class:

When someone is addressing the class, do not leave your seat. If the class is working on a task, you may move around to sharpen your pencil or put something in the garbage. **Moving around the class to socialize is unacceptable.**

Moving into Groups:

Group work is an essential part of Science and Math. I will assign a number to each group. Once members have been established I will then assign a location in the classroom for each group. When I give permission to join your group, walk to your location quietly, then move your desks and chairs as quietly as possible.

Leaving the Classroom:

Other than when someone is addressing the class, you may leave the classroom for any appropriate reasons. Please try and plan your bathroom breaks for break and lunch time. Think of it like going on a road trip in a car, go to the bathroom before you start your trip.

**** PLEASE SIGN OUT OF THE CLASS WHEN YOU LEAVE AND STATE YOUR REASON AND TIME OUT AND IN.**

****YOU ARE ALLOWED 5 "SIGN-OUTS" A MONTH. IF YOU GO OVER YOU OWE TIME IN AT LUNCH TO MAKE UP FOR THE MISSED CLASS TIME.**

End of the Class:

The teacher dismisses the class, not the bell.

Work must continue until you are dismissed or instructed to pack up.

Desk and work area must be clean.

Neatness in the Classroom:

It is our responsibility to keep this room neat and tidy. Garbage belongs in the garbage can and paper belongs in the recycling bin. Should you mess up the class and not clean up, you will be required to spend some of your own time cleaning.

Absences:

If you are absent for any reason, you are responsible for finding out the work you missed and hand it in on time. Arrange to have a friend or family member pick up your work. Homework will always be posted on the whiteboard and on the homework website. **USE YOUR STUDY BUDDIES!** Find your study buddy now, exchange numbers, email addresses, instagrams, SnapBook and faceChat.

Lates:

Be on time! We will be doing many labs in this class, if you are late you may not finish your lab. This affects both you and your lab partner. You will not be able to make up labs.

If you are late for any reason:

Enter quietly if the door is open; otherwise knock politely and wait for the teacher.

Place your late slip on teacher's desk.

Quietly be seated, take out necessary materials and join the class activity. I will visit you to update you on the assignment.

Teachers On Call, Student Teachers and Guest Speakers:

Higher expectations - this is your opportunity to make a visitor to this school understand what a GREAT school RTCS is. Make a great positive impression!

Homework Policy:

I do not assign homework for the sake of homework. I will provide adequate time in class to finish the assignments. If students do not finish the work in the provided time they can take it home to finish. Some projects will require time and effort at home to complete.

HOMEWORK WILL BE UPDATED ON MY HOMEWORK WEBSITE - Which can be found on the RTCS school web pages. <https://rtcs.sd33.bc.ca/mr-beauchene-0>

Incomplete or Late Assignments:

- Assignments are always due at the beginning of class on the due date.
- If you have an excused absence from school please hand it in with a late slip explaining why.
- Any late work must be turned in with a Late work slip provided by me and it must be signed by a parent.

Cut and Return to Mr. Beauchene

Math/Science 7

Students Name: _____

Name three ways **you as a student** can be successful this year

1. _____
2. _____
3. _____

Name three ways **you as a Parent / Guardian** can help your child be successful this year. (Parents only- no help from your child!!!!)

1. _____
2. _____
3. _____

Visit Mr. B's homework webpage and write down the secret word : <https://rtcs.sd33.bc.ca/mr-beauchene-0>

I have read Mr. Beauchene's Math 7 outline and have shared it with my parents(s)/ guardian(s).

Student Signature: _____

Parents Signature: _____

Date: _____

Return this form signed by you and your parent by Friday October 1st for a treat.