Expectations

Respect yourself, others and your environment. Attend regularly and on time with a positive attitude. Take notes, complete all assignments and find the confidence to ask questions.

Homework is to be marked and corrected, any problems you have are to be brought up at the start of the next class. If you miss a quiz or test, be prepared to take it upon your return.

Materials Required

Please come to class each day with the following:

|  |  |
| --- | --- |
| * Binder with lined paper, organised for notes, homework and worksheets * Pencil, coloured pen/pencil for marking, eraser and ruler | * Textbook * Scientific calculator * Agenda |

Assessment and Evaluation

Understanding will be checked in a variety of ways. Informal assessments will be made on an ongoing basis to ensure general student comprehension. Homework checks will be in the form of a mini quiz based on the previous lesson and homework, students will have time to ask questions before these take place. There will also be a quiz and test or project for each chapter we study. Marks will be broken down as follows:

Terms 1 and 3: Term 2:

|  |  |
| --- | --- |
| * 10% Homework Checks * 30% Quizzes * 60% Tests/Projects | * 10% Homework Checks * 20% Quizzes * 50% Tests/Projects * 20% Midterm |

Your class mark is worth 80% of your final grade with your final exam contributing the other 20%.

As well as the completion of all assignments to the best of your ability, in-class participation and organisation will be considered when evaluating your work habits. Work habits will be noted using the following letters: G – Good, S – Satisfactory, N – Not Satisfactory

A breakdown of the topics for this course is provided on the reverse of this page.

Extra Help

Peer tutoring is available after school on Mondays and Wednesdays in my room. Check the announcements regarding general homework help within the school. I am also available in my room most days during lunch, feel free to drop by and do not hesitate to ask for help!

*Any of the above information is subject to change if deemed necessary throughout the year.*

I look forward to starting off a successful year with you!

Miss Mackie

Students will apply logic and use patterns to solve puzzles and games throughout the units listed below.

Unit 1

Perfect squares and square roots

The Pythagorean theorem

Cubes and powers

Unit 2

Operations with rational numbers

Square roots of rational numbers

Unit 3

Rates, ratios and proportional reasoning

Numerical proportional reasoning

Percent

Unit 4

Construction, views and nets of 3D objects

Surface area and volume of regular solids

Surface area of composite 3D objects

Unit 5

Expressions and equations

Linear relations

Linear inequalities

Unit 6

Polynomials and operations on polynomials

Unit 7

Theoretical probability with two independent events

Probability in society

Financial literacy

Data analysis