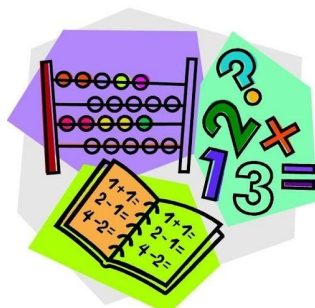


Grades 4-5 Math Course Outline

2020-2021



Description of Course

Grades 4-5 Math Course will equip students with logical concept development, critical thinking and efficient problem solving skills that are required for life, learning and work.

The course is structured within three main sections:

1) Number, Money and Measure:

- Estimation and rounding
- Number and number processes
- Multiples, factors and primes
- Fractions, decimal fractions and percentages
- Money, Time and Measurement
- Patterns and relationships

2) Shape, position and movement:

- Properties of 2D shapes and 3D objects
- Angle, symmetry and transformation.

3) Information handling :

- Data and analysis
- Ideas of chance and uncertainty.

Math Experiences and Outcomes

The experiences and outcomes in the Math Course will enable students to learn, develop, practice and apply numeracy and mathematics in order to:

- develop a secure understanding of the concepts, principles and processes of mathematics and apply these in different contexts, including the world of work
- engage with more abstract mathematical concepts and develop important new kinds of thinking
- understand the application of mathematics, its impact on society past and present, and its potential for the future
- develop essential numeracy skills which will allow students to participate fully in society
- establish firm foundations for further specialist learning

- understand that successful independent living requires financial awareness, effective money management, using schedules and other related skills
- interpret numerical information appropriately and use it to draw conclusions, assess risk, and make reasoned evaluations and informed decisions
- apply skills and understanding creatively and logically to solve problems, within a variety of contexts
- appreciate how the imaginative and effective use of technologies can enhance the development of skills and concepts.

Expectations

Students are required to bring:

- Pencil case
- Planner
- Binder
- Water Bottle
- Personal Growth Folder

Students will be provided with textbooks. Please make sure to return it. If it is not in usable condition or is missing, your family will be asked to replace the book.

Grading

Your grade will be determined by your work in these categories:

<p>6Ps (Prepared/Punctual/Productive. Positive/Pleasant/Polite) Positive/pleasant/polite behaviors articulated govern how members of the TIPS community are expected to treat each other. Prepared/punctual/productive behaviors guarantee academic success.</p>	<p>10%</p>
<p>Daily Work Daily work is anything students complete in class and directly linked to the objective for the lesson.</p>	<p>25%</p>
<p>Quizzes Short assessments between 5-10 questions, taking 5-10 minutes to complete. Quizzes are formative assessments used to check students' progress throughout the course.</p>	<p>20%</p>
<p>Project Assignments are longer tasks, designed to practice skills including research, organization, group work, and presentation. Projects will usually take more than one class period to complete and will involve completing some of the work outside of class time.</p>	<p>25%</p>

<p>Progress Tests</p> <p>Progress Tests are summative assessments given at the end of a unit and cover all the material learned in that unit.</p>	<p>20%</p>
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Your grade will be determined by this grading scale:

98-100%	A+
93-97%	A
90-92%	B+
85-89%	B
82-84%	C+
77-81%	C
74-76%	D+
70-73%	D
69% or below	F

Plagiarism Policy

Students who hand in school work that is not their own are guilty of plagiarism. In any academic setting, it is very important that students take responsibility for their own learning, and dishonesty of this nature makes it impossible for teachers to make an informed decision on subsequent learning. Students who are found guilty of such behavior will be dealt with in the following way:

First offense:

- phone call to parents and the work redone and the grade reported
- explain to parents consequence for second offense

Second offense:

- phone call to parents and the work redone and assessed, with the grade of “o” recorded
- explain to parents consequence for third offense

Third offense:

- phone call to parents and the work redone and assessed, and a grade of “o” recorded
- Saturday School assigned by school administration
- explain to parents the consequence for fourth offense

Fourth offense:

- phone call to parents and the work redone and assessed, and a grade of “o” recorded
- 2 day Out of School Suspension by school administration
- preamble with parents expulsion on fifth offense

Fifth offense:

- Expulsion