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# **YEAR 7 MATHEMATICS**

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**Central school – Port Vila**



**MARCH – JUNE**

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## Introduction

This package contains:

- The Scheme of work (or Overview)
- Photocopied handouts/activities.
- Answer sheets

*Please note:*

- The scheme of work covers topics from week 9 (Term 1) to week 5(Term 2).
- The Scheme of work is made easy for students and parents to read and understand.

## Instructions for students

What you need to do every day:

- Set 1 hour to do your work
- Check the scheme of work before you start (week number, dates and day of the week)
- Identity what needs to be done (activity column on the scheme of work)
- Redo examples for better understanding
- Answer questions in your book and NOT on the handout.
- Write your answers neatly
- Complete daily activities before moving to the following day's activities.

Time management

- Spend 1 hour per day to work on the assigned questions and activities
- Use you time wisely
- Organize yourself

## Instructions for parents

As a parent or guardian, you will be the “teacher”. Here are some of the things that we ask you to do, to help your child.

- Set a time (at least 1 hour) for the student to do math activities during the day
- Read and understand the scheme of work.
- Help the student to identify daily or weekly activities.
- Assist the student in understanding the concept if you can.
- Check and make sure that the daily activities are completed.
- Be supportive and encouraging.

*Note:*

- The scheme of work is our guide.

Thankyou for your help.

## Teachers contact

For any queries, please contact us:

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## Scheme of work – YEAR 7 MATHEMATICS

Week	Day	Topic and subtopic	Learning outcome: Students should be able to:	Activities
<b>9</b> (30/03 – 3/04)	Monday	<b>Topic 2: Fractions, Decimals and Percentages</b>	- Write a fraction as a mixed number	- Copy p. 59- 61 into your book - Do exercise 2.4: Q1. a-f (p.62) - Q2. a-d (p.63)
	Tuesday	Mixed numbers and improper fractions	- Change mixed numbers into improper fraction - Write improper fractions as mixed numbers	- Do exercise 2.4: Q3.r-w (p.64) - Do Q4. a-f (p.64)
	Wednesday	Ordering fractions	- Compare two fractions with the same denominator by comparing their numerators (using signs $<$ , $>$ , $=$ )	- Copy and study p.66-68 - Do exercise 2.5 Q1. a-b (p.68) - Do Q2. j-p (p.69)
	Thursday	Ordering fractions	- Put fractions in order of smallest to biggest - Compare two fractions with different denominators using the number line	- Do Q3. a-f (p.69) - Do Q4. A (i-v) (p.69)
	Friday	Ordering fractions	- Compare two fractions with different denominators without using the number line	- Copy and study p.72-73 - Do exercise 2.6, Q1.a-c (p.74) - Do Q3.a-d (p.74)
<b>10</b> (6/04-10/04)	Monday	Ordering fractions	- Solve worded problems using fractions	- Do Q6, Q9 (p.75)
	Tuesday	Adding and subtracting fractions with the same denominator	- Add fractions with the same denominator - Add fraction and write the answer as a mixed number	- Copy and study p.76-78 - Do exercise 2.7, Q1.a, c,n,s,w (p.79) - Do Q3.a-c (p.79)
	Wednesday	Adding and subtracting fractions with the same denominator	- Solve worded problems using fractions	- Do Q4, Q6 (p.80)
	Thursday	Adding and subtracting	- Subtract fractions with the same denominator	- Copy and study p.82-84

		fractions with the same denominator	- Subtract fractions and write the answer as mixed number	- Do exercise 2.8, Q1. a-h (p.84)
	Friday	Good Friday (Public Holiday)		
<b>11</b> (13/04 – 17/04)	Monday	Easter Monday (Public Holiday)		
	Tuesday	Adding and subtracting fractions with the same denominator	- Solved worded problems involving subtracting fractions	- Do exercise 2.8, Q2. s-w (p.85) - Do Q3 (p.85)
	Wednesday	Multiplication of a fraction and a whole number	- Multiply fractions. - Multiply fractions and give answer as a mixed number	- Copy and study p.87-90
	Thursday	Multiplication of a fraction and a whole number	- Multiply fractions. - Multiply fractions and give answer as a mixed number.	- Do exercise 2.9. Q1.a-g (p.91)
	Friday	Finding the amount of a fraction	- Find the fraction of an amount	- Do Q3.a-f (p.91)
<b>12</b> (20/04 – 24/04)	Monday	Finding the amount of a fraction	- Solve worded problems	- Do Q4, Q10 (p.92)
	Tuesday	Multiplying a whole number by a mixed number	- Multiply a whole number by a mixed number	- Read and study p93-94 - Do exercise 2.10, Q1.a-d (p.94)
	Wednesday	Multiplying a whole number by a mixed number	- Solve worded problems	- Do Q2, Q4 (p.94)
	Thursday	Multiplying a whole number by a mixed number	- Do review questions on fractions	- Do exercise 2.11, Q1, Q6 (p.95) - Do Q10 (p.96)
	Friday	Decimals	- Define decimals as another way of writing fractions	- Copy and study p.97-99
<b>13</b> (27/04 – 1/05)	Monday	Decimals	- Write fraction as a decimal - Write a decimal as a fraction	- Do exercise 2.12, Q1.a-e (p.99) - Do Q2.a-f (p.100)

	Tuesday	Ordering decimals	- Compare decimals - Arrange decimals in order starting with the smallest	- Copy and study p.102-103 - Do exercise 2.13, Q1.a-d
	Wednesday	Ordering decimals	- Write the missing decimal on a given number line	- Do Q2.a-d (p.103) - Do Q3.a-d (p.104)
	Thursday	Ordering decimals	- Write the missing decimal on a given number line	- Do Q5.a-b (p.104)
	Friday	Labour Day (Public Holiday)		
TERM 2				
1 (18/05 – 22/05)	Monday	Adding decimals Subtract decimals	- Add decimals	- Copy and study p.105-106 - Do exercise 2.14, Q1.a-c (p.106)
	Tuesday	Adding decimals Subtract decimals	- Subtract decimals	- Do Q2.a-c (p.106) - Do Q3.a, c (p.106) -
	Wednesday	Adding decimals Subtract decimals	- Subtract decimals	- Do Q4.a-c (p.106)
	Thursday	Adding decimals Subtract decimals	- Solve worded problems involving decimals	- Do Q5, Q9 (p.107)
	Friday	Multiplication of decimals by 10, 100, 1000, etc. Dividing of decimals by 10, 100, 1000, etc.	- Multiply decimals by 10, 100, 1000, etc. - Divide decimals by 10, 100, 1000, etc.	- Copy and study p.109 - Do exercise 2.15, QA.1,4,7,10, 16,22 (p.110)
2 (25/05 – 29/05)	Monday	Percentage	- Write a percent as a fraction -	- Copy and study p.113-114 - Do exercise 2.17, Q1.a-e (p.115)
	Tuesday	Percentage	- Write a percent as a decimal - Write fractions and decimals as a percent	- Do Q2.a-e (p.115) - Do Q3.a-f (p.115)
	Wednesday	Percentage	- Solve worded problems involving percentage	- Do Q4 (p. 117)

	Thursday	<b>Topic 3: Time and money</b>	- Understand and read time -	- Copy and study p.119 - Do exercise 3.1, Q1, Q2.a-l (p.119)
	Friday	Time	- Convert hour to minutes	- Do Q3.a-c (p.120) - Do Q4.a, e, f, i,m (p.120)
<b>3</b> (1/06 – 5/06)	Monday	Time	- Convert minutes to seconds	- Do Q5.a, c,e,g (p.120)
	Tuesday	Time	- Convert time to minutes - Convert time to hours and minutes	- Do Q6.a-b (p.120) - Do Q7.a-b (p.121)
	Wednesday	Periods of time	- Draw a timeline - Mark time in the timeline	- Copy and study p. 122 - Do exercise 3.2, Q1.a-c (p.123)
	Thursday	Periods of time	- Find the period of time	- Do Q2. a-b (p.123) - Do Q3. A-d (p.123)
	Friday	Periods of time	- Find the period of time using a timeline - Find arrival time	- Do Q5 (p.124)
<b>4</b> (8/06 – 12/06)	Monday	Periods of time	- Find departure time	- Do Q6 (p.124)
	Tuesday	Time and Timetables	- Read and find information from a timetable	- Do exercise 3.3 Q1.a-f (p.152)
	Wednesday	Time and Timetables	- Read and find information from a timetable	- Do Q2.a-d (p.126)
	Thursday	Calendars	- Use a calendar	- Do exercise 3.4, Q1-Q4(p.127)
	Friday	Calendars	- Read a calendar	- Do Q7, Q8.b: i-iii (p.127)
<b>5</b> (15/06- 19/06)	Monday	Reading calendars	- Read a calendar	- Do exercise 3.5, Q2, Q4 (p.129)
	Tuesday	Mixed problems	- Answer questions involving time	- Do exercise 3.6, Q1, Q3, Q5 (p.130)
	Wednesday	Money	- Identify the basic unit of money used in Vanuatu ( <i>note that 1vt and 2vt are no longer used.</i> )	- Read and study p.132 - Do Q2 (p.132)
	Thursday		- Add money	- Do Q3 (p.133) - Do Q7 (p.133)
	Friday		- Solve problems involving money	- Do exercise 3.8, Q3, Q6, Q10 (p.124)