

Unit Planner #

Number of Days: (number of days to spend on unit)

TEACHER:

UNIT: (name of unit) GRADE:

Learning Objectives (LO) to which this lesson is contributing:

- 1.
- 2.
- 3.
- 4.
- 5.

Teacher's Questions:

(Questions to ask students in line with Learning Objectives)

LO 01:

LO 02:

LO 03:

Vocabulary, Terminologies and Phrases:

(Specific terms to use in the unit)

Day	Planned activities	Learning Objectives
1	<p>Day 1: Multiplying and Dividing by 0.1 and 0.01.</p> <p>Explain general rules on board:</p> <ol style="list-style-type: none"> 1. 10, 100, 1000, 10 000 can all be written as powers of 10 2. The power will be the number of zero's in the number. For example, 1000 has three zero's and is written as 10 to the power of 3. <p>Do worked examples 3.1a with class on board.</p> <p>Explain on board how multiplying a number by 0.1, 0.01, 0.001 has the same effect as dividing the number by 10, 100, 1000.</p> <p>Show video on multiplying and dividing by 10, 100, 1000: https://www.youtube.com/watch?v=6fLNcGSa_L4</p> <p>Do worked examples 3.1b with class on board.</p> <p>Classwork: Exercise 3.1 Q2 and 3</p> <p>Homework: Exercise 3.1 Q4</p> <p><i>C.W and H.W from Coursebook</i></p>	1
2	<p>Day 2:</p> <p>Ordering Decimals.</p> <p>Show conversions table on board.</p> <p>Do worked examples 3.2 on board with class.</p> <p>Rounding</p> <p>Explain how Degree of Accuracy means the number of decimal places or the nearest power of 10 you are working to.</p> <p>Do worked example 3.3 on board for clarity.</p> <p>Classwork: 8 marks Exercise 3.2 Q1 (a – e), Q2 (a – e) Exercise 3.3 Q1 (a – e), Q2 (a – g)</p>	2

3	<p>Day 3:</p> <p>Adding and Subtracting Decimals.</p> <p>Do worked examples 3.4 on board with class.</p> <p>Show video on Adding decimals: https://www.youtube.com/watch?v=nmaUyeKpwSM</p> <p>Show video on Subtracting decimals: https://www.youtube.com/watch?v=joF4sYmuC88</p> <p>Dividing decimals.</p> <p>Show video on Dividing decimals: https://www.youtube.com/watch?v=4KyQrKE_ZEU</p> <p>Do worked example 3.5 on board with class.</p> <p>Classwork: Exercise 3.4 Q1 and Q2 Exercise 3.5 Q2 Homework: Math Journal (2 marks) Exercise 3.4 Q4</p>	
4	<p>Day 4:</p> <p>Math Drill #1 (5 marks) on Google Forms:</p> <p>Multiplying by Decimals.</p> <p>Show decimal place value table for tenths, hundredths and thousandths places.</p> <p>Do worked example 3.6 on board with class.</p> <p>Dividing by Decimals.</p> <p>Explain decimal place value with an example on board: When you divide a number by 0.3, multiply the number by 10 and then divide by 3. When you divide a number by 0.08, multiply the number by 100 and then divide by 8.</p> <p>Do worked example 3.7 on board with class.</p> <p>Homework: Exercise 3.6 Q1 Exercise 3.7 Q1</p>	3

5	<p>Day 5:</p> <p>Do now: Math Journal (5 marks) Exercise 3.7 Q4</p> <p>Estimating and Approximating.</p> <p>Show video on estimating and approximating decimals: https://www.youtube.com/watch?v=VQN6MvdJRx4</p> <p>Do worked example 3.8 on board with class.</p> <p>Classwork: Exercise 3.8</p> <p>Homework: End of unit Review questions: Q3, 4, 7, 10, 13 and 14</p>	
6	<p>Day 6: QUIZ</p>	

Additional Information

<p>Differentiation: How do you plan to give more support? Differentiated students solve basic easy questions along with problems from the skill builder workbook</p> <p>How do you plan to challenge the more able learners? They solve more challenging questions from the challenge workbook</p>	
<p>Assessment: How are you planning to check learners' learning?</p>	
<p>FORMATIVE</p> <ol style="list-style-type: none"> 1. Math Drill 2. Practical Assignment 3. Math Journal 	<p>SUMMATIVE</p> <ol style="list-style-type: none"> 1. Quiz