



مدرسة القديسة مريم الكاثوليكية الثانوية - دبي
ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

Lesson Plan

Subject	Mathematics
Class/ Section	Year 7 A to F
Week	26 th September to 30 th September
Work send to students by	Google classroom
Total number of lessons per week	5
Unit/Topic	3.3- Using Formulae 3.4- Writing Formulae 3.5- Brackets and Powers
Key Vocabulary	Formula, Expand.
Lessons 1,2,3,4 & 5 –Live Zoom lesson along with face to face instruction for students present on a particular day Work will be assigned in Google classroom which will be matched to the students ability.	<u>Specific Learning objectives</u> <ul style="list-style-type: none">● Substitute into formulae● Derive formulae from a description● Expand expressions involving brackets● Substitute into expressions involving powers.

<p>Tasks</p> <p>Assessment Criteria/ Essential questions</p> <p>Resources</p>	<p><u>Specific Intended Learning Outcomes</u></p> <p>By the end of the lessons students will be able to :</p> <ul style="list-style-type: none"> ● Substitute into formulae ● Derive formulae from a description ● Expand expressions involving brackets ● Substitute into expressions involving powers. <p>Teachers would Discuss how we might construct a formula.</p> <p>Use simple examples, e.g.</p> <p>The amount an employee is paid (P) for a given number of hours worked (H) if s/he is paid £4 per hour: $P = 4H$</p> <p>Complete the questions assigned from the text book in the notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.</p> <p>10 Modelling</p> <ol style="list-style-type: none"> a Write an algebraic expression for finding the mean of three numbers x, y and z. b Write a formula for the mean of three numbers. c Use your formula to work out the mean when $x = 5$, $y = 22$ and $z = 12$. <p>7 The amount of bread a restaurant orders depends on the number of bookings each day. They order 10 more loaves than they have bookings. Write a formula that connects the number of bookings, b, to the number of loaves of bread, L.</p> <p>Assessment objectives with respect to the above question are listed below.</p> <p>AO1-Use and interpret notation correctly. AO2- Construct chains of reasoning to achieve a given result AO3- Interpret results in the context of the given problem.</p> <p>PPT</p> <p>Text Book Delta1</p>
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