



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

YEAR 12 – STATISTICS(Week 3)2021-2022

Subject	Mathematics(Statistics)
Class/ Section	Year 12 – Batch A, B and C
Week	12th September to 16th September
Work send to students by	Google classroom
Total number of lessons per week	3
Units	Ch 2 – Measures of Location and Spread(Unit 2.1, 2.2)
Lessons 1,2,3 –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">• To calculate measures of central tendency such as the mean, median and mode.• To calculate measures of location such as percentiles and deciles.
Tasks/Activities	<u>Specific Intended Learning Outcomes</u> Students will be able to <ul style="list-style-type: none">• Know why is mean, median, mode called measures of central tendency and situations they are used in real life.• Understand that mean median mode is only an estimate for grouped data with class intervals and it helps to draw conclusions from the given data.• Choose the best suitable measure of central tendency for a given data. It also helps know why we use the method of interpolation to find median and situations they are used in real life,• Understand how quartiles and percentiles help in understanding the data and to draw conclusions from the

**Assessment Criteria/
Essential questions**

given data and to choose the best suitable measure, percentiles or deciles for a given data.

The Teacher would recap methods to find mean, mode and introduce linear interpolation method to find median and quartiles, percentiles. Students will explore other examples of measures of central tendency and understand its use in real life.

Complete the questions assigned from the Statistics 1 text book in the notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.

Essential Question that are according to the Pearson edexcel specification

e.g S1- June 2017 question 2.

For example, assessment objectives expected by the board with respect to the above question is listed below.

AO1: accurately recall facts, terminology and definitions

AO2: make deductions and inferences

AO3: interpret solutions to problems in their original context and evaluate their accuracy and limitations.

Resources

1. Edexcel Statistics & Mechanics Year 1/AS textbook
2. Ppt on the topic
3. <https://www.physicsandmathstutor.com>
4. <https://www.drfrostmaths.com/>
5. <https://www.examsolutions.net/a-level>