

YEAR 13 – MATHEMATICS (Week 13)-2020-2021

Subject	Mathematics
Class/ Section	Year 13 – Batch A, B and C
Week	22nd November to 26th November
Work send to students by	Google classroom
Total number of lessons per week	3
Units	Statistics book 2- The normal distribution (Continuation)
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.	<p>Learning objectives –</p> <ul style="list-style-type: none">- To be able to use the inverse normal distribution function- To understand what a standard normal distribution is- Use coding and standard normal distribution to find the mean and standard deviation of a normal distribution. <p><u>Intended Learning Outcomes</u></p> <ul style="list-style-type: none">- Students will be able to identify the area and use inverse normal distribution to find the value for which the area corresponds to.- Students will be able to use coding to transform a normal distribution into a standard normal distribution.- Students will be able to use the standard normal distribution and apply the inverse normal distribution function to find μ and σ.

Tasks	Complete the questions assigned from the Statistics 2 text book Normal distribution Ex 3C,3D &3E in the notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.
Resources	<ol style="list-style-type: none">1. Edexcel Statistics& Mechanics book 1 textbook2. https://www.physicsandmathstutor.com