



**Lees Brook  
Academy**

## **Powerful Knowledge Application-Mathematics**

Friday 17<sup>th</sup> February 2022

Dear Parents & Carers,

During this half term year 7 have studied solving problems with addition, subtraction, multiplication and division as well as fractions and percentages of amounts. Thank you for all of your support with the mathematics knowledge organiser tasks and Hegarty Maths tasks linked to this work. We have been really impressed with how well our students have been working at home.

During the last week of half term all year 7 students have been issued with a Powerful Knowledge Application task to complete during the half term holiday. This short task checks that they are able to apply the most powerful knowledge they should have acquired this half term. This half term's task is to be completed without a calculator. Powerful knowledge is the phrase we use for the most crucial facts and concepts taught during the half term. All of the questions are taken from examination papers so this also helps to develop their examination technique.

Please find attached an electronic copy of the task and the mark scheme. This is a great opportunity to talk to your child about how they have found mathematics during the first half term and to identify any potential barriers. The online platform Hegarty Maths is available to support with areas of weakness. We would also encourage all students to proactively seek help by speaking to their teacher or attending study support after the holidays.

Yours faithfully

Nicola Gregory  
Head of Mathematics