Super Curriculum task

## Year 9: Mathematics

# Presdales Junior Maths Challenge

Problem solving and reasoning are two key skills that mathematicians must possess. Further develop and apply your skills to this set of 25 mathematical problems.

Things to think about as you tackle this task:

- Work systematically and show all stages of your working to solve each problem
- You should not use a calculator or protractor for any of the questions
- The set of questions is supposed to be completed in a 1-hour timeframe. Use this timing for guidance only and make a note of how long you took to complete the full set of 25 questions.

If you enjoyed completing this task and have found it has ignited a passion for solving mathematical problems, you will have an opportunity in Year 9 to complete the UKMT National Junior Maths challenge which takes place in April each year. Speak to Miss McCallum about how you can prepare and enter for this competition.

You should submit your answers and full workings to a sixth form Maths student.
Ask your maths teacher and they will link you with a sixth form student.

## Useful resources

UKMT Junior Maths Challenge Questions
https://ukmt.org.uk/wp-content/uploads/2023/08/jmc-2017-q.pdf

Churchill Maths Academy: Key terms, hints and tips for a Maths Challenge
https://www.youtube.com/watch?v=j9djzznuisg

Remember to record your completion of this task on UniFrog.