



# DOVER COLLEGE

## #ONLINE

## #MATHEMATICS

### BUILD A MAGIC SQUARE

- Learn how to create a magic square of any size <https://www.youtube.com/watch?v=CzKJmyLxpFQ>
- Build your own of a size of your choice <https://www.youtube.com/watch?v=Yks7q1PEd-U>

### SUDOKU CHALLENGE

- Learn how to complete a Sudoku puzzle [https://www.youtube.com/watch?v=kvU9\\_MVAiEQ](https://www.youtube.com/watch?v=kvU9_MVAiEQ)
- Play a game and complete a puzzle <https://sudoku.game/>
- Create your own Sudoku puzzle <https://www.youtube.com/watch?v=krdNTuBXX-s>

### MATHS CHALLENGE

- Complete a UKMT Maths Challenge Paper.
  - Please join the following Google classroom groups:
    - Junior Maths Challenge (Shell & Remove) code: gbo75j5
    - Intermediate Maths Challenge (3<sup>rd</sup> & 4<sup>th</sup> & 5<sup>th</sup>) code: t5hgpi6
    - Senior Maths Challenge (5<sup>th</sup> & 6<sup>th</sup> Form) code: ok66x4f

### MATHS INVESTIGATION

- Complete an exciting Maths Investigation:
  - Please join the following Google classroom and choose an investigation to complete:
    - Maths Investigations code: owpkgsn