

Ideas for Maths related activities

Year 7, 8 and 9 Easter Holiday suggestions:

- Watch the following **Science of Chance** video and answer the questions below.
- 1) As a fraction, a decimal and a percentage, what is the probability of you falling in whilst punting?

 - 2) What does Mike Shackleford (the Wizard of odds) say the chance of winning a straight in American Roulette is?

 - 3) What is E.R.N.I.E. an acronym for?

 - 4) What chapter is “on the cast of one die” of “the book on games of chance”?

 - 5) How old is the host of the documentary?

 - 6) What is the name of the French family the host talks about when he is being interviewed on the radio?

 - 7) What did Isaac Newton come up with in the 1680s?

 - 8) Out of each one million families, that have three children in them, what is the expected number of families that have children that share the same birthday?

 - 9) What is Heisenberg’s Principle called?

 - 10) What was the date of the BBC’s “famously wrong weather forecast”?

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Ideas for Maths related activities

- Corbettmaths 5 – a – day <https://corbettmaths.com/5-a-day/gcse/> find today's date and do the questions, upload them to Showbie for your teacher to see
year 7 – numeracy;
year 8 numeracy or foundation;
year 9 numeracy, foundation or foundation plus

Year 10 Easter Holiday suggestions:

• Corbett Maths 5 a day https://corbettmaths.com/5-a-day/gcse/		
Set 1	Higher	Week 1: Monday 6 th – Friday 10 th
Sets 2 and 3	Foundation Plus	Week 2: Monday 13 th – Friday 17 th
Sets 4a/4b/5/6	Foundation	Upload to Showbie for your teacher to see

Ri Lectures	
Week 1: Lecture 1: How to get lucky. https://www.rigb.org/christmas-lectures/watch/2019/secrets-and-lies/how-to-get-lucky Watch video and answer questions in the attached sheet – answers can be uploaded to Showbie	
Week 2: Lecture: How to bend the rules https://www.rigb.org/christmas-lectures/watch/2019/secrets-and-lies/how-to-bend-the-rules Watch video and answer questions on the attached sheet – answers can be uploaded to Showbie	

Years 7 – 10

You should all have received an email with login details to a maths website called mangahigh
<https://www.mangahigh.com/en-gb/>

Login and start playing games and doing quizzes and getting medals for your achievements. We will be looking at leader boards and publishing scores and results. Have fun!