

# MATHEMATICS

## TOP TEN

- Find ways to play with mathematics, every single day of the summer holidays. The book 'Maths on the Go! 101 Fun ways to play with maths.' by Rob Eastaway and Rob Askew has some fabulous ideas.
- Think about the ginormous nature of number! How many hours will you be on holiday for, from the time you leave your primary school, to the time you start at Laurus Cheadle Hulme? How many minutes is this? How many seconds? How old will you be when you start school at Laurus Cheadle Hulme? In hours? Minutes? Seconds?
- Are you going abroad over the summer holiday? Which currency will you be using? What is the exchange rate? How much does it cost you for food or drink or activities on holiday and how much would that be if you converted it back to pound sterling, using the exchange rate? Keep a record to share when you start your mathematics lessons.
- Would you rather put £3 in the bank and have it triple each week for four weeks or put £4 in the bank and have it quadruple each week for three weeks? Be ready to justify and explain your answer.
- Visit <http://www.mathscareers.org.uk/11-14/> and explore this website. Research some of the career profiles and think of a creative way to share your research.
- Take on the "Corbett 5-a-day" challenge. Can you answer 5 maths questions a day throughout the summer holiday? Follow the link and choose a level that will challenge you.  
<https://corbettmaths.com/5-a-day/>
- You may have seen some of M.C. Escher's amazing mathematical prints? Have a look at his work; discover the mathematics within this amazing art. Can you create your own mathematical print, Escher style!
- Whilst you are out and about this summer, keep your eyes open for patterns and tessellations! Take some pictures of floor tiles, geometric ceilings, 3D structures and create a poster we can display in the maths classrooms. Patterns and structures are all around us. Sometimes you do not see them unless you are looking!
- Do you know about the Fibonacci sequence? Find out about how this links to nature. It is fascinating!
- Have you got a cook book at home? Can you find a recipe? Look at the ingredients required and notice how many people the recipe will feed. Think about how you would change the amounts of each ingredient so that the recipe would make enough for two people. What about for 10 people? Make a poster to display in our classrooms.