Hey maths team!
This week we are setting you a challenge to apply all of the skills you've learnt over the last few weeks!
Have a go of some of the warm ups, read about the concept, read about your challenge, and try to design the future TT!
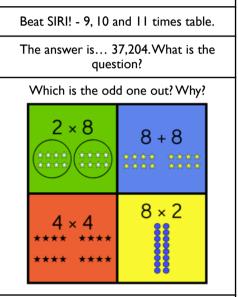Remember… be systematic!
Miss Ellison & Miss Gibson

ISLE OF MAN

IOM TT of the Future
Chief Minister, Howard Quayle, is looking to rejuvenate the TT races; he's got lots of areas to consider and he needs your help!

Warm Ups!

Beat SIRI! - 9, 10 and 11 times table.

The answer is… 37,204. What is the question?

Which is the odd one out? Why?

2×8	$8 + 8$
4×4	8×2

Number of the day: 8,159
- Write it in words.
- Even or odd?
- Place value grid it.
- Draw it.
- Partition it.
- 10 more?
- 10 less?
- 100 more?
- 100 less?
- Write 2 equations to get this as the answer.

Times Table Bingo - 12 and 5 times table.
Put multiples in the bingo grid, say a question in the times table, mark off if they have it.

Paddock
This is where the riders and bikers get ready - you will need space for the bike, mechanics, people, equipment.
What would be the best 2D shape to make the paddock? How long and wide should it be?
Draw a birds-eye plan of what your paddock will look like, making sure you label shapes, perimeters and areas.

IOM Steam Packet Boats
As there are so many people from around the world that visit, they would like their timetable to have global times.
Create a timetable of daily boats to and from the IOM and Liverpool. Make sure you include GMT and then the time it would be in at least 4 different other counties.
Extension: Can you write your times in 24 hour clock?

Camping
Glen Wyllin campsite want to invent a new style of tent to attract new visitors. What would be the best shape? Could you combine shapes?
Design a new 3D tent. Think about how you would get in/out, sleep, put your belongings.

Nobles Park
Could Nobles Park be set out better to include all of your favourite things? Food, shops, entertainment?
Draw a birds-eye plan of Nobles Park. Use co-ordinates to plot it out so it's not too squashed.

Fair on the Promenade
What rides do you think should be here and how much space do they need?
Do you agree with the cost of them?
Within a rectangle, plan which rides will go where - make sure you label the area they are allowed.
Extension: How much should each ride cost? How much would I spend if I went on every ride?