Hello again and welcome to another termly Maths challenge. I would like to focus on shape this time around. Your challenge is to explore what happens when you overlap 2d shapes. If I take squares as an example, how many individual squares can you make by overlapping three? Have a look at the example below:

When you have done squares, why not look at what happens with oblongs and other 2D shapes. Find a way to present this to show it clearly. You could colour them or make a model. Keep safe and post what you have been doing on the blog.

Mr Phillips – Maths co-ordinator
Hello again and welcome to another termly Maths challenge. I would like to focus on shape this term. For your challenge, take a square piece of paper [it must be exactly square] and then fold it in half, just like the picture below. Then use scissors to create cuts through both halves while it is still folded from top to bottom and then rearrange the pieces back together. What do you notice about the pieces? Try it with different shapes and see what you find.

I look forward to seeing your results. Why not post some on your class blog.

Mr Phillips - Maths co-ordinator
Hello again and welcome to another termly Maths challenge. I would like to focus on shape this time around. Your challenge is to use the cards attached to see what happens when you place them together. Discuss the 2D shapes that you can see and then see if you could design your own 2D shape puzzle game that other people could play. Have fun learning about the shapes and take photos and place them on the blog to show what you have been doing at home.

I look forward to seeing them. Keep safe and well.

Mr Phillips – Maths co-ordinator
Hello again and welcome to another termly Maths challenge. I would like to focus on shape this time around. Your challenge is to explore how many faces you can see when you place a cube shape on the table in front of you. This could be a dice or a box or even sugar cubes. Try it from different angles. Does where you stand make a difference to how many faces you can see? Now place another cube of the same size on top. How many square faces can you see now? Keep recording what you notice and see if there is a pattern between the numbers of faces and the amounts of cubes that you have used.

I look forward to seeing your suggested solutions. Why not post some on the new class blogs.

Keep happy and safe and I look forward to seeing you very soon.

Mr Phillips - Maths co-ordinator