#### Year 4 Maths

#### Week beginning <sup>22nd</sup> June 2020

This week we will be moving on to learn about shape and symmetry with a specific focus on angles within shapes.

#### Monday - To compare and order angles.

Today you will be learning about angles and will go over what a right, obtuse, acute and reflex angle looks like. If you can, try to make an angle finder to help you with this lesson. You will need two strips of paper and either a split pin, paperclip or piece of string. Have a look on the video to see how to make it.

https://classroom.thenational.academy/lessons/shape-and-symmetry-to-compare-and-order-angles

Practical ideas: Use pencils, pens, spaghetti, sticks or straws to make some of your own acute, obtuse, reflex and right angles.

# Tuesday - To identify right angles.

Today you will have some number trees to solve at the beginning to get your brain working! Mr C will go over the differences between acute, obtuse, reflex and right angles to refresh your memory from yesterday. You are then going to make something called an 'angle estimator' to help you with your learning today. Watch Mr C to see how you do this. You will use your angle estimator to help you find right angles as this will be your focus angle today.

https://classroom.thenational.academy/lessons/shape-and-symmetry-to-identify-right-angles

Practical ideas: Can you find any right angles in your house? You can use your angle estimator to see if you are correct.

# Wednesday - To identify acute and obtuse angles.

Today you will start with a times table challenge to keep these ticking over. See how quicky you can complete the challenge and see if you can beat your time if you find time later on in the week/day. You will recap about the different angles you have seen so far and will focus on obtuse and acute angles for your main work. This will involve drawing some acute and obtuse angles.

https://classroom.thenational.academy/lessons/shape-and-symmetry-to-identify-acute-and-obtuseangles

# Thursday – To identify angles within shapes.

Today you will begin by going over number sequences and finding the rule for each one. You will then recap what obtuse and acute angles are to help you remember your work from yesterday and earlier in the week. You will then need to think carefully to do some investigating to see if Mr C's statements are sometimes, always or never true.

https://classroom.thenational.academy/lessons/shape-and-symmetry-to-investigate-angles-within-shapes

# Friday – To solve problems based on angles.

To start with today, you will complete the magic square to warm your brain up. You will recap the angles that you have been working on so far by matching the names to each diagram. You will then need to spot the angles where lots of lines are crossing over. Mr C then has an angle quiz for you to complete.

https://classroom.thenational.academy/lessons/shape-and-symmetry-to-solve-problems-based-onangles/

We hope that you enjoy your angles work this week! Don't forget to try and find a bit of time to have a go on times tables rock stars to keep these fresh in your mind.