Year 6 Home Learning Grid – Week beginning 4th May 2020

Maths
Geometry – Properties of Shape
LO: I can find missing angles in shapes

Computer-based activities
Consolidate: Revise what angles are and the different types of angles
https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zg68k7h

Core: Go on to https://whiterosemaths.com/homelearning/year-6/
Watch the daily videos and complete the daily lessons under Summer Term – Week 1

Extend: Try this problem solving activity and see if you can work out the different angles by using your knowledge of angles in the polygons! https://nrich.maths.org/11498

Non-computer based activities
Consolidate: Go on an angle hunt and see if you can find right angles (90°), acute angles (<90°) or obtuse angles (between 90° and 180°) in your surroundings.

Core: Use the following rules to help you spot a pattern:
- A 3 sided shape's angles (a triangle) have a sum of 180°.
- A 4 sided shape's angles (a quadrilateral) have a sum of 360°.
- A 5 sided shape's angles (pentagon) have a sum of 540°.

English
Reading

- Read news stories about Captain Tom Moore

https://www.bbc.co.uk/newsround/52277760

https://www.bbc.co.uk/newsround/52423703

Can you answer the following questions:
- Why is Captain Tom on the news?
- How many laps of his garden did he walk and why?
- What is the length of his garden?
- What was his original target of money to raise?
- Read at least 20 minutes per day, either your own books or on Bug Club.

Spelling
- Challenge words to practise:
According, awkward, conscious, dictionary, familiar, individual, neighbour, profession, sacrifice, system
- Complete the spelling task on Spelling Shed

Writing

Science

Question: *Why can we see the moon?*

Home learning task: Research how the eye works then draw a diagram to explain why we can see the moon even though it does not emit light.

- What is the sum of a hexagon's angles?
- What is the sum of a heptagon's angles?
- Can you spot the pattern?

Extend: Is there a shape that would have interior angles that have a sum of 1260°? Explain how you know.

Watch videos about Captain Tom Moore or use information that you already know about him to create a piece of writing.

You can choose either:
- To write a letter to someone who has made a massive different in your local community to thank them for their efforts
- To write a story about a local hero and how they helped to provide hope and support for their country or community
- To write a poem that has a theme of hope or inspiration during difficult times.

Extend challenge: Can you write from a different perspective other than yourself, such as that of Tom Moore himself, or the Queen?

History
What is the greatest legacy of ancient Greece?

To continue working on researching and presenting your findings about ancient Greek inventions.

Ideas of ways to present your work:
- A poster
- A 'Horrible Histories' style video
- A written conclusion

PSHE
Acts of Kindness

Think about 3 things you could do this week, which would make a difference to other people's lives.

Sometimes, these are called acts of kindness. These helpful acts don't need to be huge events and could be as simple as making dinner for your family or simply cheering people up. At the end of the week, I would love to know the things you have done to make a difference and how it made you feel. Did it help you to be a better person?

Mother Teresa, a Catholic nun who dedicated her life to helping others said, "If you cannot feed a hundred people, feed one." Think about what she meant by this.

Art
Ancient Greece Sketching

Sketch a picture of your favourite ancient Greek invention.

Can you use different gradient to show shading?