Thursday 7th May

Dear Year 6,

We hope you and your families are keeping well and have had a good week.

Here are the activities for this week for you to follow and complete.

On Friday, the country will be celebrating VE day – the day when the Second World War ended in Europe. This year marks the 75th anniversary of this happening. With this in mind, we have tried to focus on activities linked to this important event in our history. (We will come back to our 'Doors' writing activities next week!).

Try to read for at least 20 minutes a day and take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz – just keep a record of what you have read.

As always, remember to take time to relax, exercise and be kind to yourselves and each other.

Take care and keep smiling,

Mrs Graham and Mrs North

Veteran Nouns, Verbs, and Adjectives

Sort the words into nouns, verbs, and adjectives. Write them in the correct category below.

Word Bank

caring	sky	serve	veteran	boat
march	hero	protect	soldier	inspiring
smile	plane	fight	brave	flag
courageous	patriotic	remember	smart	fast
ocean	salute	honor	uniform	strong

Nouns	Verbs	Adjectives
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

VE Day occurred on the 8th May, 1945. It was a chance to celebrate the return of peace to Europe after 6 years of war.

Today we still mark VE Day but use it to remember those men and women who valiantly fought to bring about peace.

Research one of the veterans – a person who is an ex-member of the armed forces – and create a fact file about them. Apart from their name and age when they enlisted, include details of the force they worked in, where they were stationed, and in particular, any significant memories of VE Day they can remember.

Remember to use heading and subheadings to guide the reader. You can look back to the writing mats to help you to edit and improve your writing.

You could listen to veterans' stories on:
https://ve-vjday75.gov.uk/veterans_stories/

1)   = 7,000 + 900 + 56

2) 946= 900 +   + 6

3) 3 x 7 x 10 =

4) 8 x 45 =

You know the rule!

Ten minutes to answer ten questions ☺

5)   + 12 = 547

6) 280 divided by 7 =

7) 38.79 x 100 =

8) 4/6 x 7/9 =

9) 745 x 83 =

10) 20% of 470 =

Maths Activity 4b - Circles

We have included a Learning Reminder that will help you with answering today's questions.

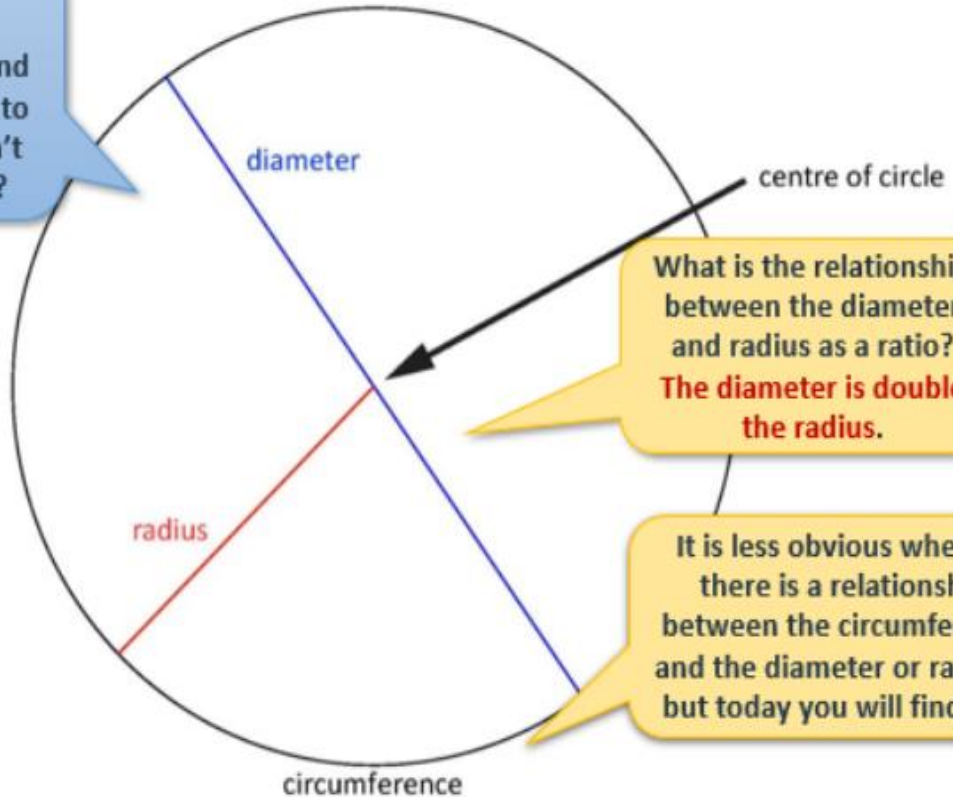Don't forget that you can also use your Maths revision book to help you.

Learning Reminder

Maths Activity 4b **

Investigating circle relationships

Some children have been drawing and measuring circles.
They measured the radius and diameter with a ruler, then the circumference as accurately as possible with a piece of string.
They recorded their measurements in the table below.

Kayleigh makes a good generalisation, saying, "The circumference of the circles always gets bigger as the diameter gets bigger."
Jay has also spotted something interesting, saying, "The circumference of the circle with a diameter of 10cm was almost exactly 30cm – that's neat because 30 is 3 times 10."

Was Jay's observation just a coincidence or is there a pattern here? Investigate the ratio of the circumference of each circle to its diameter, filling in the last column of the table. You can use a calculator - divide the circumference by the diameter to give an accurate ratio.

Circle radius (cm)	Diameter (cm)	Circumference (cm)	Ratio of circumference: diameter
3	6	19.2	
3.9	7.8	22.9	
6.5	13	40.5	
2.3	4.6	14.5	
5	10	30.1	
8.4	16.8	53.7	
7.5	15	47.8	
3.5	7	22.0	

Use this space to tell Jay whether he's really onto something, or if his observation was a coincidence after all:

Investigating circle relationships - Challenge!

So, the ratio of the circumference to the diameter in any circle is always approximately 3.1. This 'constant' value is called 'Pi' – the Greek letter π.
It is an *irrational* number – the decimal places go on and on without repeating.
The value of Pi to 2 decimal places is 3.14.

We can write this relationship in words:

> The circumference (C) of a circle is equal to Pi (π) multiplied by the diameter (d).

Or we can write a formula using symbols:

> $C = π \times d$

Taking a value of 3.1 for π (or 3.14 if you are happy multiplying with 2 decimal places), use this formula to answer these questions:

1. What is the circumference of a circle with diameter 10cm?

2. What is the circumference of a circle with diameter 100cm?

3. What is the circumference of a circle with diameter 3cm?

4. What is the circumference of a circle with radius 4cm?

5. What is the circumference of a circle with diameter 12cm?

6. The London Eye has a radius of 70m.
    Roughly how far do you travel when you go once round it?

7. A wheel is 1m round the edge and is used to measure distances.
    What is the distance from the edge to the middle?

PSHE – Keep calm and carry on

In late 1939, after the outbreak of the war, the Ministry Of Information was appointed by the British Government to design a number of morale boosting posters that would be displayed across the British Isles during the testing times that lay ahead.

Their messages were to be very straightforward and to the point. One of these posters simply read 'Keep Calm and Carry On'. This slogan then became used for years after the war, and is still used nowadays.

Today, like then, things can cause us to feel anxious and worried so with that same thought of 'keep calm', use the activity below to help you and your family members during these strange times.

C an you draw or write down things that make you feel calm?
For example, a happy place, your favourite hobby.

A re you feeling worried or upset?
It's okay if you do and it's good to tell others how you feel.

L isten to the thoughts in your head and how your body feels.

M ake a list of things you enjoy doing to help yourself feel better.

E veryone feels worried sometimes.
When you've felt worried before, what helped you feel better then?

R emember to keep talking to an adult at home about how you're feeling.

British Red Cross

Veteran Nouns, Verbs, and Adjectives **Answers**

Word Bank

caring	sky	serve	veteran	boat
march	hero	protect	soldier	inspiring
smile	plane	fight	brave	flag
courageous	patriotic	remember	smart	fast
ocean	salute	honor	uniform	strong

Nouns	Verbs	Adjectives
ocean	march	caring
sky	smile	courageous
hero	salute	patriotic
plane	serve	brave
flag	protect	smart
veteran	fight	inspiring
soldier	remember	fast
uniform	honor	strong
boat		

(Please be aware that some of these words can belong to more than one word class. You could use this as a discussion point within the classroom).

1) 7956
2) 40
3) 210
4) 360
5) 535
6) 40
7) 3879
8) 28/54 or 14/27
9) 61835
10) 94

Investigating circle relationships (mild)

Circle radius (cm)	Diameter (cm)	Circumference (cm)	Ratio of circumference: diameter
3	6	19.2	3.2
3.9	7.8	22.9	2.94
6.5	13	40.5	3.12
2.3	4.6	14.5	3.15
5	10	30.1	3.01
8.4	16.8	53.7	3.2
7.5	15	47.8	3.19
3.5	7	22.0	3.14

All the ratios of circumference to diameter round to 3, therefore Jay was onto something with his observation.

Investigating circle relationships - Challenge! (hot)

1. 3.14 x 10 = 31.4cm (or 31cm if Pi is 3.1).
2. 3.14 x 100 = 314cm (or 310cm if Pi is 3.1).
3. 3.14 x 3 = 9.42cm (or 9.3cm if Pi is 3.1).
4. Diameter = 2 x 4 therefore 3.14 x 8 = 25.12cm (or 24.8cm if Pi is 3.1).
5. 3.14 x 12 = 37.68cm (or 37.2 cm if Pi is 3.1).
6. Distance once around London eye = 3.14 x 140 = 439.6m (or 434m if Pi is 3.1).
7. The distance from the edge to the middle is roughly 15.9cm (or 16.1cm if Pi is 3.1).