Year 6 2022-23

Try to spend a little bit of time each week during the holidays completing these activities.

Prepare your speech to be a House Captain

How could you introduce yourself to the pupils in your house?

What interests and hobbies do you have?

Why do you think you would be a good House Captain?

What skills and qualities do you have that would make you a good House Captain?

How would you encourage the pupils in your house?

How would you set a good role model to other pupils in your house?

Why should the pupils in your house vote for you?

Bring in your speech at the start of term - it can be typed or hand written but must be you own work.

AIR

EARTH

FIRE

WATER

Read a Great Book this Summer!

Aim to read at least one book this summer. Complete the following activities and bring them to school in September to show your teacher:

- Create a new character for the book: Draw a picture of them and label it with information about their personality and how they fit into the book.
- Write an alternative ending/extra chapter/prequel/sequel for the book you have read.
- Write a book review and present it in a creative way.
- Redesign the cover for the book.
- Rewrite the opening from a different point of view.
- Write to the author – 10 questions you'd like to ask about the book.

For ideas of great books to read visit: https://www.booksfortopics.com/year-6 (copy also sent with this pack).

Editing Challenge 1

Read this piece of writing. List all the things you think are good about it on a piece of paper.

What was it?

There it was. Hovering in the doorway like a bee around honey. It seemed to be gazing at something that I couldn't quite see. Whilst the shadows seemed to be getting darker and gloomier by the minute, I slowly took a small step to left so as to get a better view. It couldn't be an insect because it didn't have wings yet it certainly was living as it was moving! My eyes were mini cameras trying to zoom into focus. Mysteriously, the object began to make sudden jerky movements.

What was it doing?

It was time to dig deep to find whatever courageous feelings I had and move towards the entity. The smell of rust and electrical fumes hung in the air making it harder to breathe. Maybe this was something to do with the object? Like a lion stalking its prey, I cautiously tiptoed through the jungle of jagged paving slabs into the unknown. It was so eerie. Silence became a distant memory as suddenly, large mechanical, what seemed to be robots, were being lined up side by side. Now I understood.

Editing Challenge 2

Read this writing carefully. Think about joining sentences together using different connectives such as but, so, although, because, whilst etc. Change some of the boring words for more interesting ones and also think about changing the order of the words, particularly the start of sentences to give them more impact! Use your list from the previous page to help you.

I saw an object in front of me I didn't know what it was. I couldn't hear anything and I was scared. I kept looking at it I wanted to move towards it then I thought why not. The object moved up and down and I didn't know what was going to happen next. I decided to walk forwards so I could actually see what it was then I heard a big noise so I stopped. I stood as still as I could so that the object didn't notice me then I walked forward looking at the object so that I could do something if it saw me.

The object started to make some different types of movement and I was worried so then I decided to hide behind a rock. I looked around it. The object was making some noises.

CHECKLIST

Does it make sense? Read through your writing to check.

Are all your full stops in the right places?

ABC

Have you used capital letters in the right places?
Make sure you have a capital letter after every full stop and for names.

Have you used connectives?
e.g. however, so, because...

Have you used interesting words?
Could you change a word to something more exciting?

Spelling Challenge

Think about words which you find tricky to spell. Make a list of 20 words you need to learn. Use a dictionary or spell checker to make sure they are spelt correctly!

Each week during the holidays, pick one activity from the 'Spelling Menu' sheets to help you learn how to spell them.

Make sure you can spell these words:

I can check the spellings of the most common words										
A	better	dragon	friends	he's	liked	**N**	pulled	some	thought	went
about	birds	door	from	him	little	narrator	put	something	three	what
across	boat	down	for	home	live	need	**Q**	soon	through	when
after	book	duck	found	horse	lived	never	queen	still	time	which
again	box	**E**	fox	house	long	new	**R**	stop	told	white
air	boy	each	**G**	**I**	look	next	rabbit	stopped	took	who
along	**C**	eat	garden	I'll	looked	night	really	suddenly	town	why
animals	called	eggs	gave	I'm	looking	**O**	right	sun	tree	will
another	came	even	giant	inside	looks	old	river	**T**	trees	wind
any	can't	ever	girl	into	**M**	once	room	take	two	window
are	children	every	going	I've	made	one	round	tea	**U**	wish
around	clothes	everyone	gone	**J**	magic	only	**S**	tell	under	with
asked	cold	eyes	good	jumped	make	other	said	than	use	work
away	come	**F**	grandad	just	many	our	saw	that	useful	would
B	coming	fast	great	**K**	may	out	say	that's	**V**	**Y**
baby	could	feet	green	keep	miss	over	school	them	very	you
back	couldn't	fell	grow	key	more	**P**	sea	then	**W**	Monday
bear	cried	find	**H**	king	morning	park	see	these	want	Tuesday
because	**D**	first	hard	know	most	people	she	they	wanted	Wednesday
been	dark	fish	have	**L**	mother	place	shouted	thing	was	Thursday
before	didn't	floppy	head	last	mouse	plants	sleep	things	water	Friday
began	different	fly	help	laughed	much	play	small	think	way	Saturday
best	don't	food	here	like	must	please	snow	this	well	Sunday

SPELLING MENU

1. ABC Order Write all of your spelling words in alphabetical (ABC) order.	**2. Word Parts** Write your words. Then use a coloured pencil to divide the words into syllables. e.g. jumping caterpillar	**3. Other Handed** Write each word 5 times, switching the hand you write it with each time. Say the word as you spell it.	**4. Vowel Spotlight** Write your words using one colour for the vowels and another colour for the consonants. (vowels: a, e, i, o, u)
5. Use Technology Type out your spelling words on the computer. Try to use at least 4 different fonts.	**6. Pyramid Words** s s p s p e s p e l s p e l l s p e l l i s p e l l i n s p e l l i n g (or make them boat shaped, star, smiley face, etc.)	**7. "Ransom" Words** "Write" your words by cutting letters out of a newspaper or magazine and gluing the letters on a piece of paper to spell your words.	**8. Rainbow Words** Write your spelling words with coloured pencils. Make each letter a different colour.
9. Scrambled Words Write your words. Then write them again with the letters mixed up. Can you unscramble them again the next day? e.g. watch - cwhta	**10. Silly Sentences** Write 3 or more sentences that use all your spelling words.	**11. Prefixes and Suffixes** Underline the prefixes and suffixes in the words you are learning. Make sure you know what they mean. e.g. unportant happiness	**12. Word Search** Create your own word search with your spellings. Show the answers to your puzzle in a different colour.
13. Flashcards Make and practice with flashcards. Put the word on one side and definition (meaning) on the other.	**14. Picture & a Story** Draw a picture defining each word. Write a sentence about your picture using the word.	**15. Words without Vowels** Write all of your words replacing vowels with a line. Go back and see if you can fill in the vowels. e.g. q-st-n = question	**16. Train Words** Write the entire list end-to-end as one long word. Write each new word in a different colour. e.g. trainbackstop
17. Write a Story, Poem or Song with Words Write a story using all your spelling words. Underline the words you used.	**18. Bubble Letters** Write your spelling words out in bubble writing.	**19. Words Within Words** Write each spelling word and then write at least 2 words made from that word. e.g. catch - cat, hat	**20. Picture words** Draw a picture and hide your spelling words in the picture.

NB: We have attached full size copies of these sheets in the pack.

Times tables Challenge

Make sure you know ALL your tables facts quickly and accurately. Times tables are ESSENTIAL for so many different aspects of the Year 6 maths curriculum. Use Purple Mash or other websites and apps to help you learn them. Get an adult to ask you 12 random questions - how quickly can you answer them? How many can you get correct? See if you can beat your score each week through the holiday.

1-12 Multiplication Chart

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Maths Challenge

Create your own numbers using a dice or ask a family member for a number.

We have put our written methods for multiplying and dividing below so if you are unsure please check the examples below.

1 digit x a 3 digit

```
   3 6 4
x        7
   ------
     2 8   (7x4)
   4 2 0   (7x60)
 2 1 0 0   (7x300)
 ---------
 2 5 4 8
```

or

```
     3 6 4
  x      7
  --------
  2 5 4 8
```

2 digit x a 3 digit

```
     4 7 5
   x     6 3
   ---------
         1 5   (3x5)
     2 1 0     (3x70)
   1 2 0 0     (3x400)
     3 0 0     (60x5)
   4 2 0 0     (60x70)
 2 4 0 0 0     (60x400)
 -----------
 2 9 9 2 5
```

x	400	70	5	
60	24000 +	4200 +	300	= 28500
3	1200 +	210 +	15	= 1425

```
  28500
+  1425
  -----
  29925
```

or

```
     4 7 5
  x    6 3
  --------
    1 4 2 5
  2 8 5 0 0
  ---------
  2 9 9 2 5
```

Maths Challenge

Short Division - 1 digit number by a 3 digit number

948 ÷ 6 =

```
   1 5 8
6 | 9 3 4 4 8
```

873 ÷ 9 =

```
   0 9 7
9 | 8 8 7 6 3
```

2702 ÷ 7 = 186

```
     0 1 8 6
7 | 2 2 7 6 0 4 2
```

Long Division - 2 digit number by a 4 digit number

2231 ÷ 23 = 97

```
23 | 2 2 3 1
     9 2 0      (23 × 40)
     3 9 1
     9 2 0      (23 × 40)
     2 3 0      (23 × 10)
       1 6 1
       9 2      (23 × 4)
       6 9
       6 9      (23 × 3)
         0
```

Problem of the week

Gina balances some scales.

What is the mass of a cube?

Problem of the week

George has a box of counters.

- For every 2 red counters there are 5 blue ones.
- George removes 36 blue counters from the box.
- There are now the same amount of red and blue counters.

How many red counters were in the box at the start?

Problem of the week

Three identical rectangles are arranged to make a shape .

What is the perimeter of the whole shape?

Problem of the week

One fifth of a number is 12

What is a half of the number?

Write down all the common multiplies of 4 and 6 that are less than 50

Show or explain your method.

Problem of the week

Mr Pearce writes a number on the board.

- Leon finds 1/2 of the number
- Sophie finds 1/3 of the number
- Leon's number is 7 more than Sophie's.

What is the number Mr Pearce started with? The bar model below may help you

Problem of the week

Louise is thinking of a 4-digit number.
Here are some clues to the number.

The number lies between 4,000 and 5,000

All the digits are different

The digit in the tens place is twice the digit in the thousands place

The sum of the digits is 24

The number is odd

What could Louise's number be?

Is there more than one possible answer?