

Hello Year 5! We hope you are all safe and well.

Thanks you for all your great work last week!

You can e-mail any work to year5@westfield.staffs.sch.uk

Have fun and try your best!



Aims for this week

Maths: To develop your mental maths skills.

English: To write a cinquain poem

Spelling: To review words with silent letters

Creative: To practise art, history, computing, science and PE skills.

REMEMBER TO READ FOR AT LEAST 10 MINUTES A DAY.

Try to read different types of texts, e.g. fiction, non-fiction, poetry.

Try <http://en.childrenslibrary.org/> for some great online books and stories.



Monday 1st June 2020 - maths

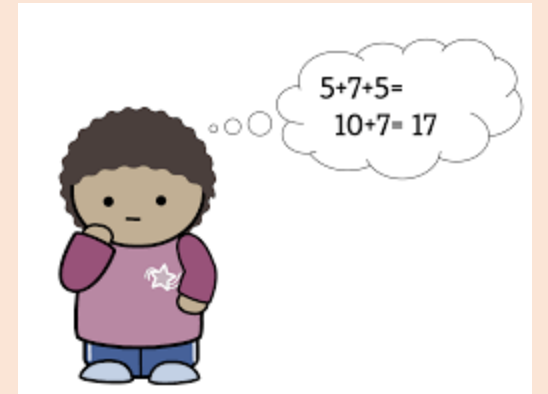
LO: To answer addition and subtraction questions mentally

Read question

Think about the quickest way to answer the question without using a written method

Answer as many questions as you can

Check using a written method.



How could you solve this simple calculation in the fastest way possible?

Remember: everyone is different.

$$26 + 26 =$$

Miss Malin: “I would double $25 + 2 = 52$ ”

Mr Dando: “ I would do $20+20 = 40$. $6 + 6 = 12$. $40 + 12 = 52$.”

How could you solve this simple calculation in the fastest way possible?

Remember: everyone is different.

$$753 - 21 =$$

Miss Malin: “I would do $753 - 2 \text{ tens} = 733$. $733 - 1 = 732$ ”

Mr Dando: “ I would do $53 - 21 = 32$ so I know $753 - 21 = 732$ ”

- Answer as many questions as you can, as **fast** as you can.
- You can time yourself if you want to.
- When you have finished, check your answers using a written method if needed
- Could you have used a different method? Discuss this with your parents/ carers.



$$465 + 10 =$$

$$865 - 10 =$$

$$354 + 34 =$$

$$856 - 21 =$$

$$635 - 29 =$$

$$7354 + 99 =$$

$$99 + 101 =$$

$$8\ 975 + 10 =$$

$$14\ 327 + 22 =$$

$$82\ 735 - 12 =$$

$$10\ 001 + 2\ 002 =$$

$$9\ 999 + 1\ 739 =$$

$$10\ 847 - 99 =$$

$$3\ 472 - 1\ 001 =$$

$$92\ 735 - 699 =$$

$$80\ 000 - 399 =$$

$$89\ 363 + 90 =$$

$$23\ 926 + 31 =$$

$$23\ 926 - 930 =$$

$$34\ 956 - 957 =$$

$$78\ 001 - 1002 =$$

Monday 1st June 2020 - English

LO: To analyse a text

Steps to success:

- ✓ **Read the poem**
- ✓ **Find the meaning of any words you do not know**
- ✓ **Write in modern English**

Example – Verse 1 in modern English

**A riddle I give to you
That asks you to travel
To an island on an ancient journey
Where secrets will unravel.**

Task:

- **Use dictionaries to try and understand the meaning of the vocabulary**
- **Rewrite verses 2, 3 and 4 using modern language.**
- **Use verse 1 as a guide.**

A riddle I bequeath thee
That beseeches you to travel
To an island on an ancient quest
Where secrets will unravel.

Yet first you need to use your wit
To find out where thou art.
In which of the four kingdoms
Hence your portal soon embark?

Commence thine trip in Southern realms
High o'er the Windy Seas,
Where borne of winter snow there lies
A fortress in the trees.

Hark the bells of ancient walls
With secrets yet untold.
Therein that stone doth hunt, my friend,
Go toil for gems and gold.

Anonymous

Questions to think about



What is the style of the poem?

Explain why it has been written in this way rather than in modern day English.

Monday 1st June 2020 - spelling

LO: To spell words with silent letters

Read these words aloud.

Practice spelling the words using look, say, cover, write, check.

Remember to use neat, joined handwriting

Challenge: Can you think of any more words? Add them to your list.



**KEEP
CALM
AND
SPELL
ON**

doubt	island	lamb
solemn	thistle	knight
thumb	numb	autumn
whistle	debt	isle

Monday 1st June 2020 – art

LO: To use folding to create a 3D image

[Watch the video](#)

<https://www.youtube.com/watch?v=wWVppdfYOx8>

- Follow instructions, pausing the video if needed
- If you enjoyed this, have a look online for similar origami activities



Tuesday 2nd June 2020 - maths

LO: To multiply by multiples of ten

Read question

Think about the quickest way to answer the question without using a written method

Answer as many questions as you can

Check

Recap

To multiply any number by 10, you move each digit to the column ten times greater. X 100 = 2 places greater. X 1000 = 3 places greater.

We use a zero as a place holder.

E.g.

$$357 \times 10 = 3\ 570$$

$$357 \times 100 = 35\ 700$$

$$357 \times 1000 = 357\ 000$$

Hth	Tth	Th	H	T	0
			3	5	7
		3	5	7	0
	3	5	7	0	0
3	5	7	0	0	0

Remember: do not 'add zero', e.g $357 + 0 = 357$.

$0.5 \times 10 = 5$, not 0.50 .

- Answer as many questions as you can, as **fast** as you can.
- You can time yourself if you want to.
- When you have finished, practise reading 5 and 6 digit numbers by reading your calculations and answers aloud.



$$75 \times 10 =$$

$$95 \times 10 =$$

$$101 \times 10 =$$

$$923 \times 100 =$$

$$5\,263 \times 100 =$$

$$9\,374 \times 1000 =$$



$$7\,253 \times 10 =$$

$$2\,309 \times 100 =$$

$$43.7 \times 1000 =$$

$$6.2 \times 1000 =$$

$$9\,264 \times ? = 926\,400$$

$$4132 \times ? = 41\,320$$



$$72.4 \times ? = 72\,400$$

$$23.0 \times ? = 230\,000$$

$$509 \times ? = 50\,900$$

$$45.72 \times ? = 4\,572$$

$$9\,678 \times ? = 96\,780$$

$$834 \times 10\,000 =$$

Tuesday 2nd June 2020 - English

LO: To deconstruct a poem

Steps to success:

- ✓ **Read the examples of cinquain poems.**
- ✓ **What do you notice about how each poem is constructed?**
- ✓ **Read the instructions on the next slide. Do you agree?**

penguin
black, white
waddling, swimming, leaping
a tuxedo in the cold water
emperor

party
happy, cheerful
singing, eating, playing
my tenth birthday party
perfect

keyboard
fun, new
reading, laughing, writing
you have 6 new messages
e-mail

rodeo
loud, busy
roping, riding, exciting
dozens of horses in the arena
stampede

dessert
cold, creamy
eating, giggling, licking
cone with three scoops
ice cream

racing
fast, zip
buzzing, rushing, flying
drivers on the track
NASCAR

How to write a cinquain poem

Line 1: 1 word title (noun)

Line 2: 2 adjectives

Line 3: 3 words that express action (-ing)

Line 4: a phrase about the sentence

Line 5: 1 synonym for the title

Tuesday 2nd June 2020 - spelling



LO: To spell words with silent letters

Read these words aloud.

Practice any tricky words using your choice of activity e.g. pyramids or race for the line.

Remember to use neat, joined handwriting

Challenge: Can you use these words in sentences?

doubt	island	lamb
solemn	thistle	knight
thumb	numb	autumn
whistle	debt	isle

Tuesday 2nd June 2020 – history

LO: To research an important event in history.

Chose an important event in history e.g. The battle of Waterloo, the signing of the Magna Carta, Tim Berners-Lee invents the internet.

Research using the Internet

Decide on how present your findings e.g PowerPoint, report, poster.

Wednesday 3rd June 2020 - maths

LO: To divide by multiples of ten

Read question

Think about the quickest way to answer the question without using a written method

Answer as many questions as you can

Check

Recap

To divide any number by 10, you move each digit to the column ten times less.
 $\div 100 = 2$ places smaller. $\div 1000 = 3$ places smaller.

E.g.

$$357 \div 10 = 35.7$$

$$357 \div 100 = 3.57$$

$$357 \div 1000 = 0.357$$

Use zero as a place holder

Th	H	T	O				
	3	5	7	•			
		3	5	•	7		
			3	•	5	7	
			0	•	3	5	7

- Answer as many questions as you can, as **fast** as you can.
- You can time yourself if you want to.
- When you have finished, practise reading 5 and 6 digit numbers by reading your calculations and answers aloud.



$$750 \div 10 =$$

$$950 \div 10 =$$

$$320 \div 10 =$$

$$920 \div 10 =$$

$$5\ 260 \div 100 =$$

$$9\ 374 \div 100 =$$



$$7\ 253 \div 10$$

$$2\ 309 \div 100$$

$$43.7 \div 1000$$

$$6.2 \div ? = 0.062$$

$$9\ 264 \div ? = 926.4$$

$$4132 \div ? = 4.132$$



$$72.40 \div 1000 =$$

$$23.0 \div ? = 2.3$$

$$509 \div ? = 0.0509$$

$$45.72 \div ? = 4.572$$

$$9\ 678 \div ? = 0.9678$$

$$834 \div ? = 0.00834$$

Wednesday 3rd June 2020 - English

LO: To collect vocabulary to plan a poem

Choose an interesting image from a book, internet or own illustration

List interesting adjectives and 'ing' words

Use a thesaurus to improve words.

Example



Wednesday 3rd June 2020 - spelling

LO: To apply words with silent letters

Write a sentence using each word

Use a dictionary if you need to find a definition

Remember to use neat, joined handwriting



doubt	island	lamb
solemn	thistle	knight
thumb	numb	autumn
whistle	debt	isle

Wednesday 3rd June 2020 – computing

LO: To assess whether an information source is true and reliable.

Have a look at the following websites

<http://zapatopi.net/treeoctopus/>

<http://allaboutexplorers.com/>

Do you think they are credible?

Write a short answer to explain your findings and reasons.
What have you learnt?



Thursday 4th June 2020 - maths

LO: To solve word problems

Choose at least 5 problems to solve

Read the problem

Decide if you need to multiply or divide

Answer

Check

- 1) There are 10 children in each club at Hayes Park School. There are 31 different after school clubs. How many children attend clubs in total?
- 2) A Hatchimal toy costs £34. How much would 100 Hatchimals cost?
- 3) Mr Khalsa buys a cappuccino from Costa Coffee every morning. It costs £2.45. How much does he spend over 100 days?
- 4) How many 1p coins can you get in exchange for a £50 note from the bank?
- 5) There are 100 ipads in each school in the whole of London. There are 654 in London. How many ipads are there in schools in London altogether?
- 6) A flight ticket on Taylor Airlines to Tokyo costs £649.99 and all ten members of staff from year 3 and 5 want to go. How many will they all have to pay altogether?
- 7) The capacity of Hayes FC's stadium is 4045 seats. Liverpool's stadium has a capacity for a hundred times more spectators. What is the capacity of Liverpool's stadium?
- 8) Arsenal's stadium has a capacity that is ten times less than that of Liverpools. What is the capacity for Arsenal's stadium?
- 9) Bolton Airways charges £1600 for a return flight to Australia. Queenan Airlines is ten times cheaper. How much do QA charge?
- 10) To build an adventure playground it will cost Hillingdon council £7549. Ealing council can build it at a price that is ten times cheaper. How much could they build it for?
- 11) How many £10 notes would you get if you exchanged £3500?
- 12) A PS4 is on for sale at a tenth of its original price. It usually costs £450.90. How much is it at the sales?
- 13) A human brain can handle a hundred thousand brain cells per second. The brain of a hippo can hold only hundred times less. How many cells can a hippo hold every second?

Challenge : Create a word problems of your own. One that requires multiplication and the other division.

Thursday 4th June 2020 - English

LO: To use the features of poetry writing

Steps to success:

Line 1 – Interesting noun

Line 2 – 2 ambitious adjectives

Line 3 – 3 exciting verbs

Line 4 – a statement about the noun from the point of view of an alchemist

Line 5 – synonym for the noun or word linked to the noun.

I have used a thesaurus to improve my word choices and grab the reader

I have used the correct layout

Your Tasks

1) Write your own cinquain poem.

2) Review and improve it

3) Perform and illustrate your poem

How to write a cinquain poem

Line 1: 1 word title (noun)

Line 2: 2 adjectives

Line 3: 3 words that express action (-ing)

Line 4: a phrase about the sentence

Line 5: 1 synonym for the title

Thursday 4th June 2020 - spelling

LO: To apply words with the silent letters

Ask a parent or carer to dictate sentences using some of these words.

Write exactly what they say remembering to use accurate punctuation and spelling

Check sentences by reading out loud

Check with your parent/ carer



doubt	island	lamb
solemn	thistle	knight
thumb	numb	autumn
whistle	debt	isle

Thursday 4th June 2020 – science

LO: To conduct an investigation

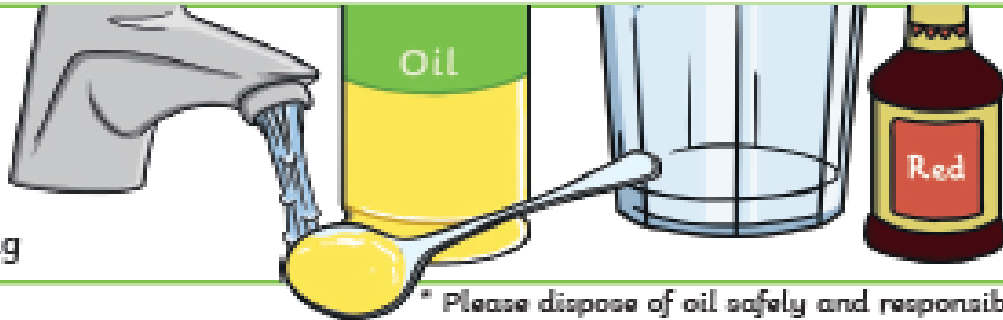
1. Ask an adult for a little support
2. Read instructions
3. Carry out investigation
4. Write a few sentences to explain what you found out.

Vocabulary to use: dense/ density, floats, sinks, heavy, diffuses.

Fireworks in a Glass

You Will Need

- Warm Water
- Oil*
- A Tall Glass
- Food Colouring



* Please dispose of oil safely and responsibly.

This is a very cool, simple and fun experiment, and also completely safe, just don't drink the water!

Method

- 1 Fill the tall glass with warm water.
- 2 Pour a small amount of oil into another container and add a few drops of food colouring.
- 3 Give it a good stir, if it doesn't mix, add a bit of water.
- 4 Pour the food colouring and oil mixture into the warm water and watch the fireworks!

The Science Bit

Oil and water don't mix. Also oil is less dense than water (meaning there is less of it in the same volume) and therefore floats on top of water in a nice layer. The food colouring we used was water based and therefore does not mix with the oil, instead it sinks through the oil into the water below. Since the addition of the colouring makes the food colouring heavier than the water, it sinks to the bottom leaving trails (resembling fireworks) as some of the colour diffuses into the water.

Don't panic
parents! No fire
involved.

Friday 5th June 2020 - maths

LO: To write real-life word problems

Write at least 5 problems to solve

Mix addition, subtraction, multiplication and division

Try to think of real-life situations using money or measure

Make sure you can answer the problems yourself

Find someone to answer them or e-mail year5@westfield.staffs.sch.uk

E.g.

Miss Malin walked 10,000 steps a day for 96 days. How many steps did she walk in total?

Friday 5th June 2020 - English

LO: To answer questions using a text

Read the question carefully

Read the text carefully looking for clues to answer the question

Write your answer in a sentence

Check you answer actually answers the question

How the Leaves Came Down

I'll tell you how the leaves came down.
The great Tree to his children said,
"You're getting sleepy, Yellow and Brown,
Yes, very sleepy, little Red;
It is quite time you went to bed."

"Ah!" begged each silly, pouting leaf,
"Let us a little longer May;
Dear Father Tree, behold our grief,
'Tis such a very pleasant day
We do not want to go away."

So, just for one more merry day
To the great Tree the leaflets clung,
Frolicked and danced and had their way,
Upon the autumn breezes swung,
Whispering all their sports among,

"Perhaps the great Tree will forget
And let us stay until the spring
If we all beg and coax and fret."
But the great Tree did no such thing;
He smiled to hear their whispering.

"Come, children all, to bed," he cried;
And ere the leaves could urge their prayer
He shook his head, and far and wide,
Fluttering and rustling everywhere,
Down sped the leaflets through the air.

I saw them; on the ground they lay,
Golden and red, a huddled swarm,
Waiting till one from far away,
White bed-clothes heaped upon her arm,
Should come to wrap them safe and warm.
The great bare Tree looked down and smiled.
"Good-night, dear little leaves" he said;
And from below each sleepy child
Replied "Good-night," and murmured,
"It is so nice to go to bed."

By Susan Coolidge

- 1) Explain how you know which season the poem is about.
- 2) In line 29 the author uses the phrase 'white bedclothes' to refer to what?
- 3) The poet uses the words 'frolicked' and 'danced', what does this tell you about the way the leaves moved?
- 4) Find and copy two sentences from the poem that show that the relationship between the trees and the leaves is similar to a parent and child.
- 5) The poet uses personification to make the leaves seem alive. Find and copy two examples.

6) 'It is so nice to go to bed'

How does this compare to the way the leaves felt at the beginning of the poem. Explain your answer using evidence from the text.

Friday 5th June 2020 - spelling

LO: To practise personal spelling words.

Chose 10 tricky words from the 5/6 spelling list

Practise using your choice of activity e.g. race for the line, pyramids or sentences.

accommodate	conscience	existence	muscle	rhythm
accompany	conscious	explanation	necessary	sacrifice
according	controversy	familiar	neighbour	secretary
achieve	convenience	foreign	nuisance	shoulder
aggressive	correspond	forty	occupy	signature
amateur	criticise	frequently	occur	sincere
ancient	curiosity	government	opportunity	sincerely
apparent	definite	guarantee	parliament	soldier
appreciate	desperate	harass	persuade	stomach
attached	determined	hindrance	physical	sufficient
available	develop	identity	prejudice	suggest
average	dictionary	immediate	privilege	symbol
awkward	disastrous	immediately	profession	system
bargain	embarrass	individual	programme	temperature
bruise	environment	interfere	pronunciation	thorough
category	equip	interrupt	queue	twelfth
cemetery	equipped	language	recognise	variety
committee	equipment	leisure	recommend	vegetable
communicate	especially	lightning	relevant	vehicle
community	exaggerate	marvellous	restaurant	yacht
competition	excellent	mischievous	rhyme	

Friday 5th June 2020 – PE

LO: To increase heart rate for 30 minutes

Create a set of challenge cards to get you and your family moving inside or out

Try to think of strange/ fun movements

Set a reasonable time limit.

E.g. Dance like a chicken for 23 seconds.



Maths Answers



Be honest when you check your answers.
If you are unsure of anything, please e-mail year5@westfield.staffs.sch.uk

- Answer as many questions as you can, as **fast** as you can.
- You can time yourself if you want to.
- When you have finished, check your answers using a written method if needed
- Could you have used a different method? Discuss this with your parents/ carers.



$$465 + 10 = 475$$

$$865 - 10 = 855$$

$$354 + 34 = 388$$

$$856 - 21 = 835$$

$$635 - 29 = 606$$

$$7354 + 99 = 7453$$

$$99 + 101 = 200$$

$$8\ 975 + 10 = 8985$$

$$14\ 327 + 22 = 14349$$

$$82\ 735 - 12 = 82723$$

$$10\ 001 + 2\ 002 = 12003$$

$$9\ 999 + 1\ 739 = 11738$$

$$10\ 847 - 99 = 10748$$

$$3\ 472 - 1\ 001 = 2471$$

$$92\ 735 - 699 = 92036$$

$$80\ 000 - 399 = 79601$$

$$89\ 363 + 90 = 89453$$

$$23\ 926 + 31 = 23957$$

$$23\ 926 - 930 = 22996$$

$$34\ 956 - 957 = 33999$$

$$78\ 001 - 1002 = 76999$$

- Answer as many questions as you can, as **fast** as you can.
- You can time yourself if you want to.
- When you have finished, practise reading 5 and 6 digit numbers by reading your calculations and answers aloud.



$$75 \times 10 = 750$$

$$95 \times 10 = 950$$

$$101 \times 10 = 1010$$

$$923 \times 100 = 92300$$

$$5\,263 \times 100 = 526300$$

$$9\,374 \times 1000 = 9374000$$



$$7\,253 \times 10 = 72530$$

$$2\,309 \times 100 = 230900$$

$$43.7 \times 1000 = 43700$$

$$6.2 \times 1000 = 6200$$

$$9\,264 \times ? = 926\,400 \quad 100$$

$$4132 \times ? = 41\,320 \quad 10$$



$$72.4 \times ? = 72\,400 \quad 1000$$

$$23.0 \times ? = 230\,000 \quad 10000$$




$$509 \times ? = 50\,900 \quad 100$$

$$45.72 \times ? = 4\,572 \quad 100$$

$$9\,678 \times ? = 96\,780 \quad 10$$

$$834 \times 10\,000 = 8340000$$

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$750 \div 10 = 75$	$7\ 253 \div 10 = 725.3$	$72.40 \div 1000 = 0.0724$
$950 \div 10 = 95$	$2\ 309 \div 100 = 23.09$	$23.0 \div ? = 2.3 \quad 10$
$320 \div 10 = 32$	$43.7 \div 1000 = 0.0437$	$509 \div ? = 0.0509 \quad 10000$
$920 \div 10 = 92$	$6.2 \div ? = 0.062 \quad 100$	$45.72 \div ? = 4.572 \quad 10$
$5\ 260 \div 100 = 52.6$	$9\ 264 \div ? = 926.4 \quad 10$	$9\ 678 \div ? = 0.9678 \quad 10000$
$9\ 374 \div 100 = 93.74$	$4132 \div ? = 4.132 \quad 1000$	$834 \div ? = 0.00834 \quad 100,000$

- 1) 310 There are 10 children in each club at Hayes Park School. There are 31 different after school clubs. How many children attend clubs in total?
- 2) £3400 A Hatchimal toy costs £34. How much would 100 Hatchimals cost?
- 3) £245 Mr Khalsa buys a cappuccino from Costa Coffee every morning. It costs £2.45. How much does he spend over 100 days?
- 4) 5000 How many 1p coins can you get in exchange for a £50 note from the bank?
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- 7) 404,500 The capacity of Hayes FC's stadium is 4045 seats. Liverpool's stadium has a capacity for a hundred times more spectators. What is the capacity of Liverpool's stadium?
- 8) 40450 Arsenal's stadium has a capacity that is ten times less than that of Liverpools. What is the capacity for Arsenal's stadium?
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- 10) £754.9 To build an adventure playground it will cost Hillingdon council £7549. Ealing council can build it at a price that is ten times cheaper. How much could they build it for?
- 11) 350 How many £10 notes would you get if you exchanged £3500?
- 12) £45.09 A PS4 is on for sale at a tenth of its original price. It usually costs £450.90. How much is it at the sales?
- 13) 1,000 A human brain can handle a hundred thousand brain cells per second. The brain of a hippo can hold only hundred times less. How many cells can a hippo hold every second?

Challenge : Create a word problems of your own. One that requires multiplication and the other division.