

School Closure

Work Pack 7



Year 5 – Mr Stagg

Name:

Bore da/ Prynhawn da pawb!

If you have forgotten what I look like, scan the QR code below! Diolch yn fawr!

Mr Stagg



Challenge 1

- 1 Will's dad leaves home at this time every afternoon to get to work.



If he walks for 35 minutes, what time does he get to work? _____

- 2 Convert these measures.

a) $100 \text{ cm} = \text{_____ m}$

b) $5500 \text{ g} = \text{_____ kg}$

c) $5 \text{ cm} = \text{_____ mm}$

d) $180 \text{ seconds} = \text{_____ minutes}$

- 3 I pour 150 ml of squash into my jug. How much more do I need to pour in to fill it up to the 1 litre mark? _____ ml

Marks...

Challenge 2

- 1 Complete the blank squares on the table.

mm	cm	m	km
		39	
45			
			1.43
	267		

- 2 Ken fills his measuring jug up to the red line.

a) How many millilitres are in his jug? _____ ml

b) How many more millilitres does he need to

add to fill the jug up to the 1 litre mark? _____ ml



Units of Measurement

- PS 3 Chris completes a word search in $3\frac{1}{2}$ minutes. Oliver takes 20 seconds longer. How long did Oliver take?

_____ seconds

1 mark

Marks...../9

Challenge 3

- PS 1 Peter runs 6.5 kilometres; his friend James runs 5 miles.

Who runs furthest? _____

1 mark

- PS 2 Hassan is $1\frac{3}{4}$ m tall and Josef is 1.6 m tall. How much taller is Hassan than Josef?

_____ cm

1 mark

- PS 3 Joe puts eight bananas on the scales below.



How much does one banana weigh? _____ g

- PS 4 Lily's bag of dried cat food holds 1.6 kg of food. If Lily eats 40 g of food each day, how many days will the bag of food last?

_____ days



Marks.....

Approximating numbers

Revise
WIS

Get started

Which number rounds to 160 to the nearest ten?

- a 154 ☐ b 168 ☐ c 156 ☐ d 165 ☐

1 Round these to the nearest ten, hundred or thousand to find approximate answers.

- a $77 + 92 \approx$ _____ d $204 + 258 \approx$ _____ g $78 \times 93 \approx$ _____
b $417 - 198 \approx$ _____ e $392 \times 9 \approx$ _____ h $5055 - 1996 \approx$ _____
c $545 - 83 \approx$ _____ f $6178 + 3856 \approx$ _____

2 On their British tour, these were the audience numbers that watched the pop group 'Sixpointfive'.

Join the actual numbers to match the approximate numbers rounded to the nearest hundred:

BIRMINGHAM 23500

GLASGOW 37200

LEEDS 18300

LONDON 36300

CARDIFF 18400

LIVERPOOL 23400

MANCHESTER 37300

LINCOLN 17900

37 263

23 439

18 361

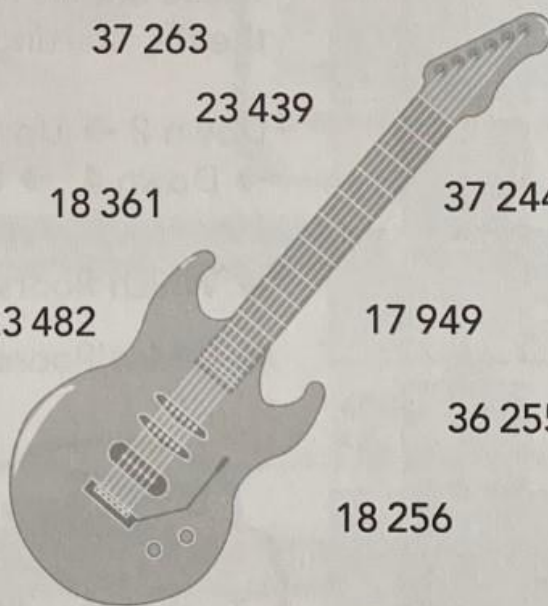
37 244

23 482

17 949

36 255

18 256



3 True or False? Circle your answer.

- a 3845 spectators were at the football match. This is 3900 rounded to the nearest ten.
True/False

- b 4044 people visited the museum in May. This is 4000 people rounded to the nearest hundred.
True/False

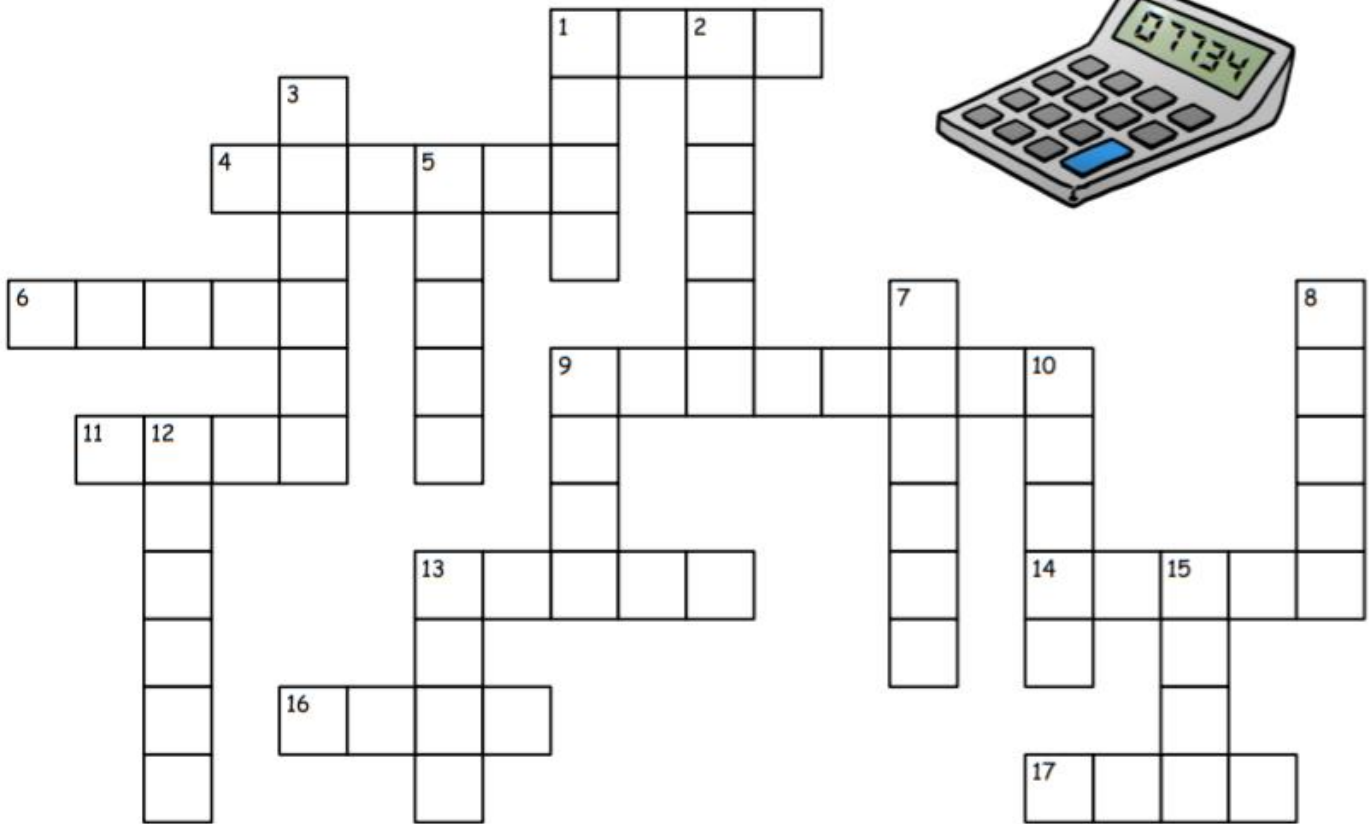


On your toes

- $\frac{1}{4}$ of 16 is a 12 ☐ b 3 ☐ c 4 ☐

Upside Down Calculator

Read each clue and enter the computations on the calculator. Turn the calculator upside down to read the word answer. Write the words in the crossword.



Across

1. The person in charge is the $2754 \div 2 \times 4$.
4. Turkeys go $2 \times 5119 \times 37$.
6. An Eskimo lives in an $6.7729 \div 89$.
9. An oil company is $15469 \div 20000 + 710$.
11. The state with the smallest name is 0.140 .
13. An important book is the $2101 \times 9 \times 2$.
14. On your feet you wear $103^2 \times 5$.
16. Fido digs a $(29 \times 16 - 1) \times 8$.
17. Pinocchio always tells $(354 \times 15) + 7$.

Down

1. We get honey from $625 \div \frac{5}{23} + 2463$.
2. On a hot day you might 493×755 .
3. Santa Claus says $40 \div 99$.
5. The capital of Idaho is $463 \times 79 - 1469$.
7. Peeling onions makes you $501 \div 12500$.
8. Each month you pay $25 \times 2564 - 6382$.
9. A messy person is a $48450 \div 6$.
10. Opposite of *tight* is $\frac{1}{2} \times 500 \times 140 + 7$.
12. A snake $3248 \div 8 \times 1319$.
13. The teacher rings the $73 \times 2 \times 53$.
15. A small musical instrument is an $308 \div 4 \times 40$.

Mental Maths

(Don't cheat – the answers are there for your parents/ guardians)

(5 seconds response time)

1. What is **double 26**? (52)
2. What is the square root of **49**? (7)
3. Write the number **six thousand and twelve** in figures. (6012)
4. How many **grams** are equivalent to **6.8 kilograms**? (6800g)
5. Round **3248** to the **nearest hundred**. (3200)

(10 seconds response time)

6. Rulers cost **24p each**. How much would **2 rulers cost**? (48p)
7. Two numbers have a **difference of 30**. One of them is **48**, what could the **other number** be? (78 or 18)
8. Which number **multiplied by itself** equals **121**? (11)
9. How many **hours** are there in **three days**? (72h)
10. A **rectangle** measures **11cm by 5cm**. What is its **area**? (55cm²)
11. What is **a quarter of 4800**? (1200)
12. Estimate the **size of angle A** shown on your answer sheet? (50° – give 5° either way)
13. What is **three quarters of £10**? (£7.50)
14. On your answer sheet is a **scale**. What is the number shown? (2150)
15. What is **forty multiplied by fifty**? (2000)

(15 seconds response time)

16. Which **two numbers** in the box have a **product of 63**? (7 & 9)
17. In a money box there are **seven fifty pence pieces**. Write down the **total amount** in the box. (£3.50)
18. Put a ring around the **largest quantity** shown on the answer sheet. (3.5km)
19. Look at the timetable on your answer sheet. A train leaves **Liverpool** at **10:40** and Arrives in **St Helens** at **11:21**. How long did the journey take? (41 mins)
20. What is **one point six multiplied by three**? (4.2)

Name

Date

1.

2.

49

3.

4.

g

6.8kg

5.

3248

6.

24p

2

7.

30

48

8.

121

9.

hours

10.

cm²

11cm

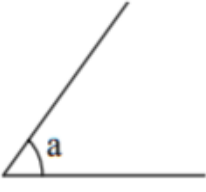
5cm

11.

4800

12.

0



13.

$\frac{3}{4}$

£10

14.



15.

40

50

16.

6

8

7

9

17.

7

50p

18.

3km

2500m

3005m

3.5km

19.

LIVERPOOL	0940	1010	1040	1110
Rainhill	1005	1035	1105	1135
St Helens	1021	1051	1121	1151
WIGAN	1046	1116	1146	1216

20.

1.6

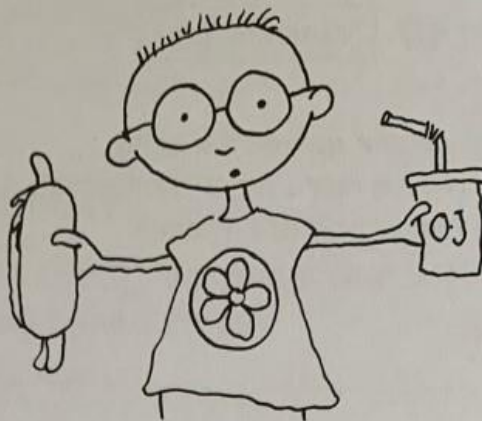
3

PROBLEM SOLVING TASK CARDS - Guessing and Checking

Problem 52 Numbers 1 2 3

Level A

Jasper bought a hot dog and an orange drink for £2.85. The hot dog cost twice as much as the orange drink. What was the cost of each one?



Problem 53 Numbers 1 2 3

Level A

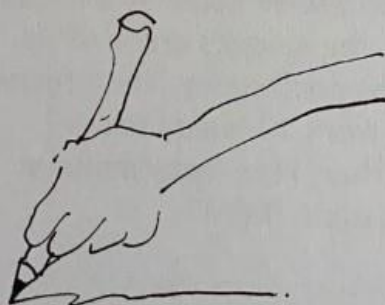
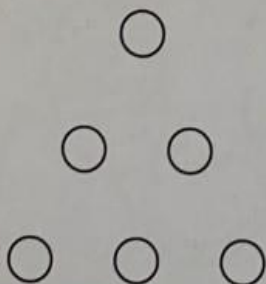
Jordan is buying concert tickets for eight friends. He has £50. A reserve seats cost £7 each, and B reserve seats are £5. If he buys some of each kind, and spends exactly £50, how many tickets does he buy?



Problem 54 Numbers 1 2 3

Level A

Complete the following triangle using the numbers 1-6. Each side must add up to 12.



Jim Hedgehog and the Lonesome Tower

Jim Hedgehog liked his music loud and he liked it heavy. He listened to Giant Squid and Crashing Boars and Really Disgusting Things from the Deep Swamp. He listened to Truly Rotten and Monstrous Midnight and Gravedigger's Express. He listened to Antimatter and Beyond the Galaxy and Spacewind and Black Hole. He was always on the lookout for new heavy metal groups.

One Saturday Jim went with his mother to the market. All up and down the street were stalls that sold fruit, vegetables, shirts, trousers, jackets, jumble, shoelaces, batteries, records, cassettes, umbrellas, Elastoplasts, and many other things.

While Mum was buying vegetables Jim went to the music stall. There was a stoat wearing dark glasses minding it. "Strange is my name and music's my game," he said. "If you don't see what you want, ask for it."

"Got any new heavy metal?" said Jim.

"Try this on your earholes," said Mr Strange. He handed Jim a cassette with a handwritten label.

"Is Lonesome Tower the album or the group?" said Jim.

"It's part of a building," said Mr Strange.

"What's the group?" said Jim.

"It's a thing," said Mr Strange.

"Why doesn't it say Itsa Thing on the cassette?" said Jim.

"Cheap cassette," said Mr Strange.

Jim listened to the beginning of the tape. It sounded like a hundred tomcats and a thousand bees in the middle of a hurricane. "That's not bad," he said.

"Hear any words?" said Mr Strange.

"Sure," said Jim. "Haven't you?"

"No, I haven't," said Mr Strange.

"What do you hear?"

Russell Hoban



TEXT

- 1 What kind of music does Jim Hedgehog like?
- 2 Explain what you think of the names of the groups. Give your reasons.
- 3 Why do you think the author wanted to make you laugh at the beginning of this story?
- 4 How does the author make you interested in the mystery of the cassette? Give examples.
- 5 Use your own words to describe what the music is like when Jim listens to it.
- 6 What do you learn about Mr Strange? Use these questions to help:
What does he look like? What does he wear? How does he act? What does he say?
- 7 Write a paragraph to describe the character of Mr Strange.

SENTENCE

- 1 Use connectives such as 'and', 'when', 'so', 'but', 'because' to make the passage below more interesting. You do not have to do this with every sentence.

Jim liked heavy metal music. His mum didn't. He bought the loud music. She was not pleased. She thought he was wasting his money. Jim and his mum went to the market. They met Mr Strange. He sold them a tape. The tape sounded strange. Jim took it home. He played it. The music was the same as his recorder music. Jim goes on a walk. It leads him to a haunted castle.

- 2 Now continue the story. Include some dialogue in it.
- 3 When you finish, compare it to the passage above. Say why it is more interesting.

WORD

- 1 In the passage, the writer only uses 'said' after each piece of speech. Choose five examples and write adverbs to describe how the words were said, e.g. 'What's the group?' said Jim, *enthusiastically*.
- 2 Sometimes the verb and an adverb can be replaced by just one verb, e.g. 'said quietly' could be replaced by 'whispered'. Take your examples from question 1. Find and write verbs to replace them.
- 3 Copy this chart and add five adverbs which you could use with each type of verb.

Type of verb	Adverbs
speed – e.g. to race	quickly
light – e.g. to shine	brightly

- 4 Most adverbs end in 'ly' but what happens with the following words?
fast hard long early well

Antonyms

G Grammar

P Punctuation

S Spelling

Challenge 1

S

1

Choose words from the box that are opposite in meaning to the ones listed.

expensive

decline

multiply

exit

worse

Word

Antonym

a) accept

b) better

c) cheap

d) divide

e) entrance



Marks.....

Challenge 2

S

1

Read the sentences and write the antonyms of the words underlined in the spaces at the end of each line.

a) It was a sunny day. _____b) The place on the bus for buggies was occupied. _____c) "We are at war!" replied the General. _____d) The hall was empty; they had thought that no-one would come to the concert. _____e) The friends sat down to talk things through. _____

Antonyms

Challenge 3

S

1

Place the antonyms in their correct places in the sentences.

- a) (big, little) The _____ girl was unable to reach the _____ pot on the shelf.
- b) (cold, hot) When it is _____ you should drink _____ drinks.
- c) (antique, young) He liked _____ shops even though he was _____ and poor.
- d) (filthy, shipshape) Ben's house was _____ when he moved into it but he soon had it _____ and tidy.



8 marks

2

Complete the sentence with a word that is an antonym of the one underlined.

- a) When you take a test make sure you read the question carefully before you select your _____.
- b) Cinderella wore a beautiful dress to the ball, unlike the _____ dresses her stepsisters wore.
- c) "Did you _____ to go to the library or did you forget again?" asked her father.
- d) _____ people are liked but rude people are avoided.
- e) Her dad drove an expensive car but she only could afford a _____ one.

5 marks

Marks..... /13

Total marks /23

How am I doing?



A 3D rendered orange figure, resembling a stylized person, is holding a large rectangular sign. The figure has a large head, no facial features, and is standing on a light-colored surface. The sign is white with a thin orange border and contains text about Oracy Week.

Oracy Week

You may be thinking 'I've seen this before...' When our school was first closed, I asked you to prepare your Oracy Week presentation. Obviously, it has been a long time since we were in school, but there may be a way in which I will be able to see your presentations from home in the very near future! So, if you haven't prepared yet, the details are below:

This year, I would like you to produce a presentation which is at least 2 minutes long about something that you enjoy. It could be about a book, film, TV programme, sporting team you are part of or even your pet!

How you deliver your presentation is up to you – you can use photographs, create a Powerpoint Presentation or use any objects or artefacts that you would like to talk about. Also, make sure you learn your presentation thoroughly – reading a script you have written is a reading skill, not an oracy skill!

Good luck!

Mr Stagg

Name _____

Date _____



Activity 1:
Find the words from your spelling list in this Wordsearch.

super
supernatural
supernova
Superman
superpower
supersonic
supervise
supersede
superhuman
supervisor
superstore
transport
portable
import
important
imported
found
round

p	n	t	u	e	o	s	m	e	s	p	s	r	r	o
s	s	b	t	f	o	u	n	d	u	r	t	i	o	
t	u	s	r	p	p	p	u	e	p	i	u	r	i	p
m	a	u	s	u	p	e	r	s	e	d	e	a	m	r
i	m	p	o	r	t	r	s	u	r	a	r	n	p	e
s	n	e	r	n	r	p	u	p	h	e	r	s	o	s
a	i	r	d	d	s	o	p	e	u	u	i	p	r	m
i	s	v	e	S	u	w	e	r	m	o	f	o	t	s
m	a	i	s	u	p	e	r	n	a	t	u	r	a	l
p	h	s	u	p	e	r	s	o	n	i	c	t	n	p
o	n	o	p	e	r	o	t	v	l	e	r	a	t	i
r	o	r	e	r	v	u	o	a	m	s	p	b	a	p
t	s	s	r	m	i	n	r	s	d	u	e	l	i	h
e	u	p	s	a	s	d	e	u	s	r	n	e	p	h
d	t	d	a	n	e	r	b	e	s	o	t	e	a	i

English Curriculum Essential Words

conscience conscious

How many consonants and how many vowels are in these two words?

Consonants

Vowels



Activity 2:
Solve these anagrams.

- (nicos) super _ _ _ _
- (repow) super _ _ _ _
- (evis) super _ _ _ _
- (presu) _ _ _ _ sede
- (nam) Super _ _ _
- (latural) super _ _ _ _ _
- (presu) _ _ _ _ nova
- (resot) super _ _ _ _
- (hmunal) super _ _ _ _
- (srivo) super _ _ _ _

Activity 3:
Make a list of all the words from your spelling list that contain the word 'port'.





Name _____

Date _____

	1st Attempt	2nd Attempt	3rd Attempt	4th Attempt
super				
supernatural				
supernova				
Superman				
superpower				
supersonic				
supervise				
supersede				
superhuman				
supervisor				
superstore				
transport				
portable				
import				
important				
imported				
found				
round				
conscience				
conscious				

Name _____

Date _____

Activity 1:

Find the words from your spelling list in this Wordsearch.

r	o	a	c	w	h	y	s	t	t	l	m	b	t	f
e	o	s	h	o	o	u	i	c	l	c	w	h	o	
i	r	l	i	p	s	u	p	e	r	p	o	w	e	r
h	n	o	l	p	d	'	e	m	c	h	m	s	y	m
l	f	e	d	e	n	l	r	d	o	m	p	u	'	u
c	o	p	h	l	r	l	s	d	m	y	o	p	l	l
h	r	m	o	d	e	c	o	m	p	o	s	e	l	a
i	m	p	o	r	t	i	n	g	o	r	i	r	r	i
l	u	e	d	m	l	h	i	o	s	t	t	v	s	m
d	l	m	i	d	i	l	c	b	e	e	i	i	n	p
l	a	s	o	l	l	g	h	u	l	d	o	s	r	o
e	e	u	e	n	u	l	t	r	a	i	n	e	d	r
s	r	p	d	c	l	e	r	n	d	e	w	o	e	t
s	e	r	c	l	o	e	m	e	d	c	p	n	p	e
p	o	s	o	o	o	h	i	d	i	p	p	o	c	d

imported
importing
childhood
childless
you'll
they'll
compose
decompose
composition
superpower
supersonic
supervise
formula
formulae
trained
burned
why
who

English Curriculum Essential Words

vehicle available

How many consonants and how many vowels are in these two words?

Consonants Vowels **Activity 2:**

These words have been muddled up. Re-write them correctly.

hoodchild → _____
visesuper → _____
posecom → _____
lesschild → _____
sonicsuper → _____
ulaform → _____
portedim → _____
powersuper → _____

Activity 3:

Put these words into alphabetical order.

who, formulae, burned, importing, you'll, decompose, trained,
why, they'll, composition

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Name _____

Date _____

	1st Attempt	2nd Attempt	3rd Attempt	4th Attempt
imported				
importing				
childhood				
childless				
you'll				
they'll				
compose				
decompose				
composition				
superpower				
supersonic				
supervise				
formula				
formulae				
trained				
burned				
why				
who				
vehicle				
available				

Mini Science Experiment

Dissolving

Which solids dissolve in water?

You Will Need

- Water (hot and cold)
- Transparent Containers
- Substances to try and dissolve; sand, sugar, salt, coffee etc



Method

- 1 Add a teaspoon of whichever solid you are testing to a glass of cold water and a glass of hot water, stir and observe the difference.
- 2 Look to see if the solid dissolves in the hot water and cold water and if one is better than the other.
- 3 Can you design a chart to record your observation?

The Science Bit

Things like salt, sugar and coffee dissolve in water. They are soluble. They usually dissolve faster and better in hot water. Pepper and sand are insoluble, they will not dissolve even in hot water.

For Older Children

Everything is made of particles which are always moving. When a soluble solid (solute) is mixed with the right liquid (solvent), it forms a solution. This process is called dissolving.

Two things that affect the speed at which the solid dissolves are temperature and the size of the grains of the solid. Caster sugar which is made of fine particles will dissolve quickly, but bigger sugar particles will take longer.

Solids dissolve faster in hot water as in hot water the water molecules are moving faster, so bump into the solid more often which increases the rate of reaction.