

Dear parents / carers of Hawthorn Class children,

Please find below a suggestion of learning tasks for the coming week. As a school, we want to reassure you that a high priority of ours is well-being, particularly the mental well-being of the children, yourselves and our staff at such a tough time. If you are concerned about the priority for the work below, we would suggest the following order:-

- 1 – Daily reading and consideration / discussion of text.
- 2 – Daily White Rose Maths lessons – guided lessons with videos and worksheets.
- 3 – English writing – creative story.
- 4 – Spelling and grammar practice.
- 5 – Maths challenges – to include written methods for the four operations.



Don't forget to check the school website and our class page for the next teacher challenge video!!

Please let either of us know if you have any queries.

<https://www.purplemash.com/sch/chestertonprimar>

Best wishes, from Mr Martin and Mr Douglas.

Check the 2Dos section to find set work or choose your own activities.

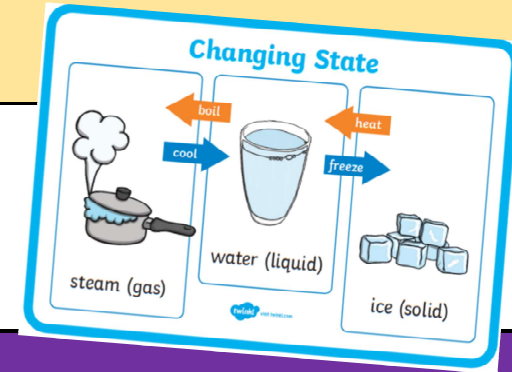
Year 5 Home Learning Menu	Week beginning 18.05.20
<p style="text-align: center;">P.E.</p>	<p style="text-align: center;">Creative (Music, Art, Drama)</p>
<p style="text-align: center;">Joe Wicks has become the UK's PE teacher. Go on you tube at 9.00am every day to follow along.</p> <p>If you do not have access to YouTube, can your child make up their own workout for you and the rest of the family to have a go at?</p> <p style="text-align: center;"><u>LO: Create an indoor version of an outdoor PE activity.</u> See sheet at end of form for an idea on how to play Lights, Camera, Action.</p>	<p>http://www.thenational.academy have a number of lesson being offered weekly, looking at the foundation subjects including art, D&T and music.</p> <p style="text-align: center;"><u>LO: To identify pulse and rhythm in music</u> https://www.thenational.academy/year-5/foundation/to-identify-pulse-and-rhythm-in-music-year-5-wk4-5</p> <p>Please login to Charanga using your login details (sent to parents) and work through the set assignment 'Blackbird.' If you haven't yet looked at 'Dancing in the Street' you can do this also.</p> <p>There are some online classes being offered for example Emma Scott runs an art session online at 2pm every day.</p>

Weekly Subject Focused Project: Science

Big Question: Which is the odd one out: water, ice or steam?

Watch the videos no solids, liquids and gases here: <https://www.bbc.co.uk/bitesize/topics/zkgg87h>

We have then attached two challenges at the bottom of the sheet about matter and changes of state. You could also investigate materials (like water) where **reversible change** can take place.



Spelling and Grammar

Words with an /ear/ Sound Spelt 'ere'



This week's words are all words with the **ear** sound spelt with the 'ere' letter string.

Examples:
interfere
severe
hemisphere
adhere

**sincere, interfere, sphere, adhere, severe
persevere, atmosphere, mere, hemisphere, austere**

Use the words to practise your handwriting skills.
A practice sheet for this has been included below.

Turn the words into images to show the meaning.



Try some rainbow writing to show sounds or parts of the word:

Watching or Watching

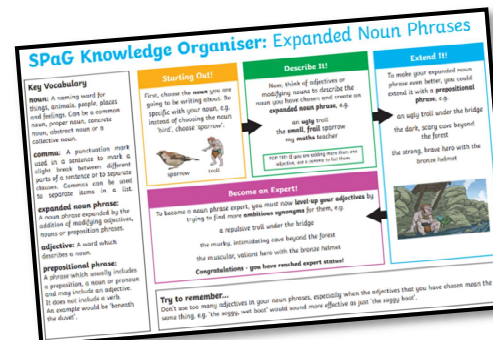
Relative Clauses

Here's a short video describing what expanded noun phrases are: <https://www.youtube.com/watch?v=4fCk8ye4jio>

I would like you to read the information sheet (the one on the left below) before having a go at the mini test (on the right below).*

Expanded noun phrases are groups of words that add extra detail to the 'things' in your writing. For example, my writing might include the noun 'boy'. To add detail I could have 'a tall boy' or 'a tall, brown-haired boy', or, even better, 'a tall, brown-haired boy with a dirty jacket on'. I still only have one 'thing' but there is now much more detail.

*Both sheets have been included at the end of this document.



Reading

Read for at least 15 minutes a day. We hope you will be keen to read for longer. What a great way to pass the time!!
Use some of the sentences stems below to come up with questions about what you have read. Select a different focus for each day.

If you would prefer to have more specific questions about a text, please visit www.pobble365.com

Each day there is a new stimulus, with **reading, writing and grammar challenges** to think about.

Reading Challenge

New words are all around us, every day. This week I would like you to tell us of any new words you have encountered that interest you.

You might hear them on the television, read them in a book, or maybe there's a word you've heard at home which is new to you.

Find a new word, find out what it means, and share it with us. You've just expanded your vocabulary!!

Vocabulary	Explain
The word/phrase _____ shows that... A synonym for _____ is... The word(s) _____ suggest that the character is feeling... A definition for the word _____ is...	The most interesting/exciting part was... because... I think the text is arranged in this way because... The best structural/literacy feature was ... because... The author engages the reader by...
Infer	Retrieve
The description of (character) shows that they are... The following word(s)/phrase tells the reader that... My overall impression of this text is... because... I can tell that... because... The character behaved in this way because...	The key characters in the text are... The story takes place in a/near to a ... With adult support, consider appropriate responses to: How did...? How often...? How ... is ...? Who had...? Who is...? Who did...? What happened to...? What does ... do? Where did ... go?
Predict	Summarise
Based on the front cover, I think this text will be about... I think this story will be about...because... In the next chapter, I think (character) will... because... The story is set in.... this makes me think that... I think... will change their mood/behaviour/feelings in the future because...	The first thing that happened in this chapter was... The main theme of this story/chapter/page is... The key events in chronological order are... A Heading for this chapter could be... because... At the beginning... In the middle... At the end...

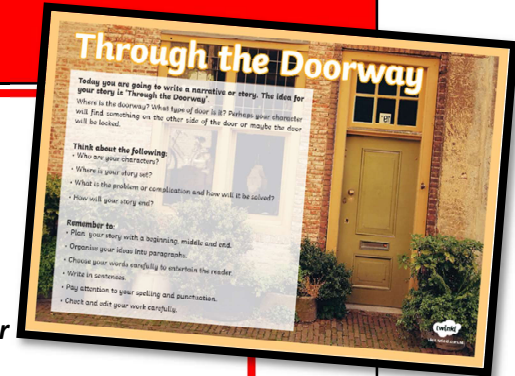
Writing

THROUGH THE DOORWAY

I have chosen a creative piece of this week's writing, and one which should give you the chance to use some of those expanded noun phrases you've been looking at. Think carefully about how you will start your story and the way you will link different sections together. I've had a go at a start – feel free to use parts of mine if you think it will help you!

Thomas stood before a large silver door at the back of the building. His mother had warned him not to stand outside for too long but he needed another minute to himself. Taking a deep breath, Thomas pulled on his wig and straightened the blue dress with the sparkly buttons. It was time for this ugly sister to step onto the stage and into the bright lights of the school hall.

Good luck! From Mr Martin.



Maths

Number focused activities

Please look at your Purple Mash account for any 'To-Do's' that have been set.

There are 5 10-Minute Mixed Objective sheets available at the end of this document.

Nrich activities:-

<https://nrich.maths.org/12205>

<https://nrich.maths.org/1142>

<https://nrich.maths.org/sandwiches>

<https://nrich.maths.org/10070>

Daily lessons – Summer Week 5

If you have access to a computer, use:

<https://whiterosemaths.com/homelearning/>

Here you will be able to access a lesson a day of maths.

There is a video lesson / tutorial for you to access with your children; the accompanying worksheets sheets have been sent home and loaded onto the school website. The videos can be paused to allow time to discuss and embed understanding.

You will find lessons for all year groups here.

If you feel your child needs to access work from a previous year group, please select the lessons as appropriate.

Additional Suggested Activities

<https://literacytrust.org.uk/family-zone/9-12/book-hopes/> - For a fantastic digital book to share at home.

<https://www.bbc.co.uk/bitesize/> - navigate to 'primary' or access the daily core subject (English and Maths) lessons available.

<https://timestable.pixl.org.uk/Timestables.html> - Children have their own login details. Please let us know if you need these to be supplied.

<https://www.topmarks.co.uk/maths-games/hit-the-button> - Times tables, number bonds and more. Great for daily practice.

LIGHTS, CAMERA, ACTION!



YOU WILL NEED

- Family or friends
- A space to perform
- Paper
- Pen
- Box or bag

HOW TO PLAY

- Write down different actions on pieces of paper, such as throwing a ball, jumping, crawling, rolling, jogging, catching a fish.
- Put them all in a box or bag.
- One player takes one out and mimes the action.
- The others guess what the action is. How many can they guess correctly in one minute?

REMEMBER...

- Be careful not to knock anything over if you move around the room.



10 - Minute Maths

Match the Roman numerals with the correct numbers.

CCCLXXX

700

DCC

1,000

CM

550

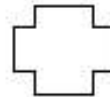
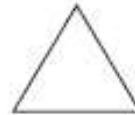
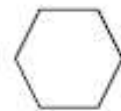
DL

380

M

900

Circle the regular polygons.



Write the value of the underlined digit.

 8.582

 17.13

 250.306

Write the percentage as a decimal.

42 % = _____

3 % = _____

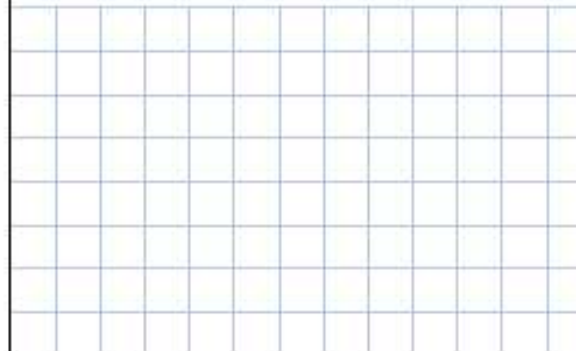
22 % = _____

10 % = _____

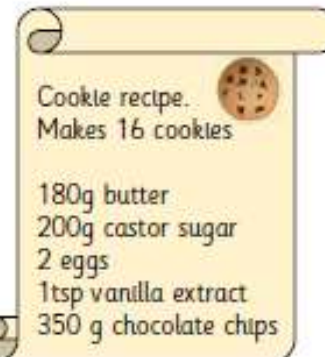
The code to this safe is the number which is 10,000 less than 37,049.
What is the code?



A jar contains 475 g of sugar.
How many grams of sugar are there in 9 jars?



Rosie makes cookies.
She uses 540g of butter.



How many cookies did she make?

10 - Minute Maths



Look at the numbers below.
List all of the factor pairs for
each number.

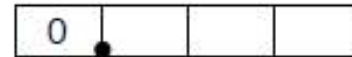
15

8

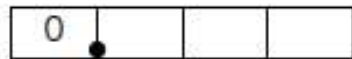
70

Write these as decimal numbers.

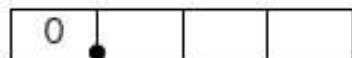
- a) 3 tenths, 8 hundredths,
2 thousandths



- b) 0 tenths, 59 hundredths



- c) 6 tenths, 7 thousandths



Convert the following amounts.

4 l = ml

10,000 ml = l

9.5 l = ml

7,120 ml = l

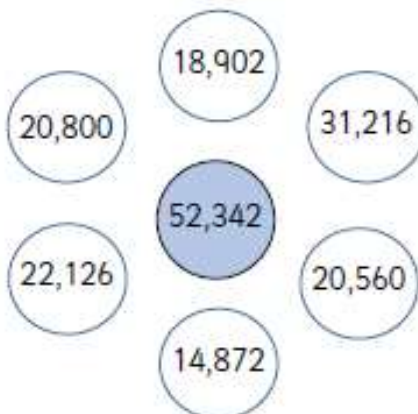
0.3 l = ml

Find the area of the
shape below.



Area = cm²

Shade in two numbers which give the total
in the middle.



Malachi has 17,850 ml of juice and Zach
has 8,369 ml more than Malachi.

Zach has: ml



Tick the correct equivalence statements.

$5 \times 25 = 1 \times 5 + 25$

$3 \times 3 \times 9 = 9 \times 9$

$2 \times 2 \times 2 = 2 \times 2^2$

$4 \times 4 + 16 = 4^2 + 4^2$

10 - Minute Maths



Tia is thinking of 3 prime numbers.
When she adds them together, the answer is 20.

What are the prime numbers she is thinking of?

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Order the fractions from the biggest to the smallest.

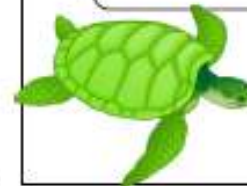
$$\frac{5}{6} \quad \frac{1}{3} \quad 1\frac{2}{3}$$

$$\frac{5}{12} \quad \frac{11}{9} \quad \frac{3}{6}$$

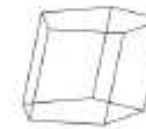
A turtle takes 20 minutes to travel a metre.

How far does it travel in one minute?

cm



Look at the shape below and fill in the blanks.



Name of the shape is _____

It has _____ faces.

It has _____ edges.

It has _____ vertices.

Complete the table.

	Rounded to the nearest 10	Rounded to the nearest 1,000	Rounded to the nearest 100,000
125,465			
523,981			
410,753			

What is 11,999 more than 110,999?



The numbers should match the words on the card.

Circle the card which have been written incorrectly.

74,385

Seventy-four thousand, three hundred and eighty-five

402,720

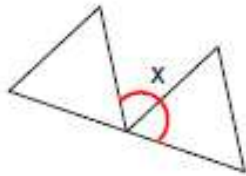
four hundred and twenty-seven thousand and twenty

10 - Minute Maths



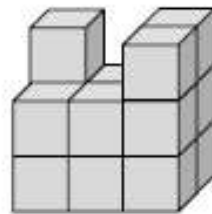
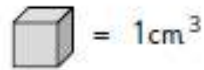
Here is a shape made up of two regular triangles.

Find the missing angle.



$x = \quad \circ$

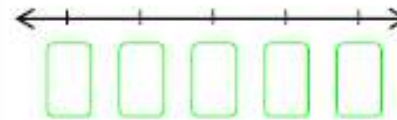
Calculate the volume of the shape by counting the cubes.



_____ cm^3

Put the numbers in order on the number line.

$\frac{5}{4}$ $\frac{1}{2}$ $\frac{5}{6}$ $2\frac{3}{4}$ $\frac{4}{6}$



Circle the greater volume.

3 pints or 2,000 ml

5.5 pints or 5,500 ml

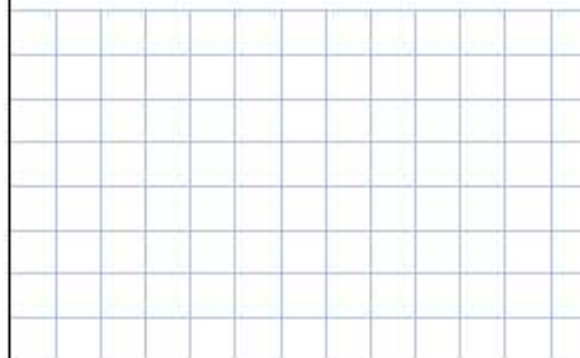
2.4 pints or 1 l

6 pints or $2\frac{3}{4}$ l

Complete the sorting table by adding two different numbers in each section.

	Prime number	Composite number
less than 10		
not less than 10		

What is 15,555 less than 55,000?



Complete the sequences.

3.45, 3.35, 3.25, _____, _____

12.126, 12.226, _____, _____

1.001, 1.011, 1.021, _____, _____

7.26, 7.27, 7.28, _____, _____

10 - Minute Maths



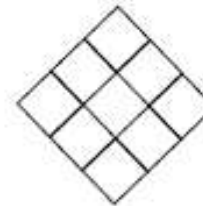
Using a protractor draw an angle of 190° .



Roses cost £8
Tulips cost £6
Lilies cost £4

I spend £22. Give three different combinations of flowers I could have bought.

The shape below is made of nine identical squares.



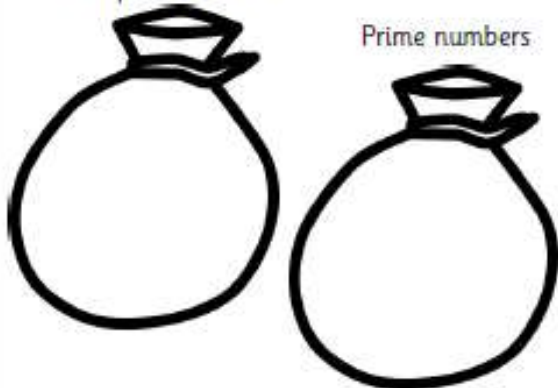
If the perimeter of the shape is 36 m, find its area.

What is the smallest whole number, when rounded to the nearest 100 gives the answer 500?

Fill the bags with numbers between 5 and 15. Place them in the correct bag.

Composite numbers

Prime numbers



Complete the calculation.

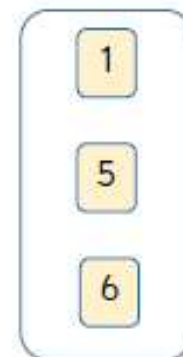
		3	3	,	0	3	3	
		<hr/>						
		2	2	,	0	0	3	
		<hr/>						

Put the digit cards on the right place to make the statements correct.

$$\frac{1}{4} < \frac{\square}{12}$$

$$\frac{5}{6} > \frac{\square}{2}$$

$$\frac{\square}{15} = \frac{2}{5}$$



ANSWERS

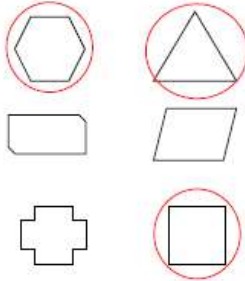
10 - Minute Maths



Match the Roman numerals with the correct numbers.

CCCLXXX	700
DCC	1,000
CM	550
DL	380
M	900

Circle the regular polygons.



Write the value of the underlined digit.

8.582 **Hundredths**

17.13 **Tenths**

250.306 **Thousandths**

Write the percentage as a decimal.

42 % = 0.42

3 % = 0.03

22 % = 0.22

10 % = 0.1

The code to this safe is the number which is 10,000 less than 37,049. What is the code?



2 7 0 4 9

A jar contains 475 g of sugar. How many grams of sugar are there in 9 jars?

4,275

		4	7	5	
x				9	
		4	2	7	5

Rosie makes cookies. She uses 540g of butter.

Cookie recipe.
Makes 16 cookies

- 180g butter
- 200g castor sugar
- 2 eggs
- 1tsp vanilla extract
- 350 g chocolate chips

How many cookies did she make? **48**

10 - Minute Maths



Look at the numbers below. List all of the factor pairs for each number.

15 1 and 15
 3 and 5

8 1 and 8
 2 and 4

70 1 and 70 7 and 10
 2 and 35 5 and 14

Write these as decimal numbers.

a) 3 tenths, 8 hundredths, 2 thousandths

0.382

b) 0 tenths, 59 hundredths

0.59

c) 6 tenths, 7 thousandths

0.607

Convert the following amounts.

4 l = **4,000 ml**

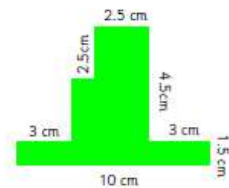
10,000 ml = **10 l**

9.5 l = **9,500 ml**

7,120 ml = **7.120 l**

0.3 l = **300 ml**

Find the area of the shape below.



Area = **29.25 cm²**

Shade in two numbers which give the total in the middle.

20,800 18,902 31,216

22,126 52,342 20,560

14,872

Malachi has 17,850 ml of juice and Zach has 8,369 ml more than Malachi.

Zach has: **26,219 ml**

	1	7	8	5	0
+		8	3	6	9
		2	6	2	1
	1	1	1		

Tick the correct equivalence statements.

5 x 25 = 1 x 5 + 25

3 x 3 x 9 = 9 x 9

2 x 2 x 2 = 2 x 2²

4 x 4 + 16 = 4² + 4²

10 - Minute Maths



Tia is thinking of 3 prime numbers.
When she adds them together, the answer is 20.

What are the prime numbers she is thinking of?

Another option is 2, 5 and 13.

Order the fractions from the biggest to the smallest.

$\frac{5}{6}$ $\frac{1}{3}$ $\frac{2}{3}$

$\frac{5}{12}$ $\frac{11}{9}$ $\frac{3}{6}$

$1\frac{2}{3}$ $\frac{11}{9}$ $\frac{5}{6}$ $\frac{3}{6}$ $\frac{5}{12}$ $\frac{1}{3}$

A turtle takes 20 minutes to travel a metre.

How far does it travel in one minute?

cm

Look at the shape below and fill in the blanks.

Name of the shape is Pentagonal prism

It has 7 faces.

It has 15 edges.

It has 10 vertices.

Complete the table.

	Rounded to the nearest 10	Rounded to the nearest 1,000	Rounded to the nearest 100,000
125,465	125,470	125,000	100,000
523,981	523,980	524,000	500,000
410,753	410,750	411,000	400,000

What is 11,999 more than 110,999?

		1	1	0	,	9	9	9
		+	1	1	,	9	9	9
		1	2	2	,	9	9	8
				1		1	1	

The numbers should match the words on the card.
Circle the card which have been written incorrectly.

Seventy-four thousand, three hundred and eighty-five

four hundred and twenty-seven thousand and twenty

10 - Minute Maths



Here is a shape made up of two regular triangles.
Find the missing angle.

Calculate the volume of the shape by counting the cubes.

cm³

cm³

Put the numbers in order on the number line.

$\frac{5}{4}$ $\frac{1}{2}$ $\frac{5}{6}$ $2\frac{3}{4}$ $\frac{4}{6}$

Circle the greater volume.

or

or

or

or

Complete the sorting table by adding two different numbers in each section.

E.g.

	Prime number	Composite number
less than 10	2, 3	6, 8
not less than 10	11, 17	15, 20

What is 15,555 less than 55,000?

		4	14	9	9	10	
		5	5	0	0	0	
		+	1	5	5	5	
		3	9	4	4	5	

Complete the sequences.

3.45, 3.35, 3.25, 3.15, 3.05

12.126, 12.226, 12.326, 12.426

1.001, 1.011, 1.021, 1.031, 1.041

7.26, 7.27, 7.28, 7.29, 7.30



Using a protractor draw an angle of 190° .

Roses cost £8
Tulips cost £6
Lilies cost £4

I spend £22. Give three different combinations of flowers I could have bought.

Examples

- 2 roses and 1 tulip
- 3 tulips and 1 lily
- 4 lilies and 1 tulip

The shape below is made of nine identical squares.

If the perimeter of the shape is 36 m, find its area.

81 m²

What is the smallest whole number, when rounded to the nearest 100 gives the answer 500?

450

Fill the bags with numbers between 5 and 15. Place them in the correct bag.

Composite numbers

Prime numbers

Complete the calculation.

		3	3	,	0	3	3
-		1	1	,	0	3	0
		2		,		0 0 3	

Put the digit cards on the right place to make the statements correct.

$\frac{1}{4} < \frac{\boxed{5}}{12}$

1

$\frac{5}{6} > \frac{\boxed{1}}{2}$

5

$\frac{\boxed{6}}{15} = \frac{2}{5}$

6

Expanded Noun Phrase

An expanded noun phrase is a phrase made up of **a noun** and **at least one adjective**.
If you list more than one adjective to describe the noun, you should add a **comma** to separate them.

lots of yummy, cold ice cream

Determiner

Used to introduce a noun to specify which one or how many; a/an, the, three, most.

Adjective

A word that describes a noun; monstrous, vivid, delightful, familiar.

Noun

A person, object or animal; garage, Henry, leopard, sofa.

SPaG Knowledge Organiser: Expanded Noun Phrases

Key Vocabulary

noun: A naming word for things, animals, people, places and feelings. Can be a common noun, proper noun, concrete noun, abstract noun or a collective noun.

comma: A punctuation mark used in a sentence to mark a slight break between different parts of a sentence or to separate clauses. Commas can be used to separate items in a list.

expanded noun phrase:

A noun phrase expanded by the addition of modifying adjectives, nouns or preposition phrases.

adjective: A word which describes a noun.

prepositional phrase:

A phrase which usually includes a preposition, a noun or pronoun and may include an adjective. It does not include a verb. An example would be 'beneath the duvet'.

Starting Out!

First, choose the **noun** you are going to be writing about. Be specific with your noun, e.g. instead of choosing the noun 'bird', choose 'sparrow'.



Describe It!

Now, think of adjectives or modifying nouns to describe the noun you have chosen and create an **expanded noun phrase**, e.g.

an **ugly** troll
the **small, frail** sparrow
my **maths** teacher

TOP TIP: If you are adding more than one adjective, use a comma to list them.

Extend It!

To make your expanded noun phrase even better, you could extend it with a **prepositional phrase**, e.g.

an **ugly** troll **under the bridge**
the **dark, scary** cave **beyond the forest**
the **strong, brave** hero **with the bronze helmet**



Become an Expert!

To become a noun phrase expert, you must now **level-up your adjectives** by trying to find more **ambitious synonyms** for them, e.g.

a **repulsive** troll **under the bridge**
the **murky, intimidating** cave **beyond the forest**
the **muscular, valiant** hero **with the bronze helmet**

Congratulations - you have reached expert status!

Try to remember...

Don't use too many adjectives in your noun phrases, especially when the adjectives that you have chosen mean the same thing, e.g. 'the soggy, wet boot' would sound more effective as just 'the soggy boot'.

Name:

Date:

11
total marks

Noun Phrases Mini Test

1. Draw a line to match these correctly.

noun
simple noun phrase
expanded noun phrase

a dog
a cute little dog with pointed ears
dog

3 marks

2. Read through the following descriptions.

- Circle the noun which is being described.
- Underline the expansion.

the haunted house in the woods
 a secret garden, with enchanted flowers everywhere
 a huge, scary dinosaur with sharp claws
 a cuddly creature, with a small furry body

4 marks

3. Fill in the table, describing the beach to create a pleasant effect.



4 marks

Noun	
simple noun phrase	
noun phrase expanded by an adjective or two	

total for this page

Through the Doorway

Today you are going to write a narrative or story. The idea for your story is 'Through the Doorway'.

Where is the doorway? What type of door is it? Perhaps your character will find something on the other side of the door or maybe the door will be locked.

Think about the following:

- Who are your characters?
- Where is your story set?
- What is the problem or complication and how will it be solved?
- How will your story end?

Remember to:

- Plan your story with a beginning, middle and end.
- Organise your ideas into paragraphs.
- Choose your words carefully to entertain the reader.
- Write in sentences.
- Pay attention to your spelling and punctuation.
- Check and edit your work carefully.

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Year 5 spellings - Monday 18th May 2020.

These words all contain the 'ear' sound spelt 'ere'.

Practise the formation of the words, learn the spellings and discuss the meaning of any new words with your family members.

Look

Trace

Copy

sincere

sincere

interfere

interfere

sphere

sphere

adhere

adhere

severe

severe

persevere

persevere

atmosphere

atmosphere

mere

mere

hemisphere

hemisphere

austere

austere

Amazing Matter

Tar pitch, the material used to coat roofs and roads, is actually a liquid that flows incredibly slowly. Each drop takes approximately ten years to form and then drop.

Use what you know about matter to help the mouse to find the cheese. Colour the squares about liquids red, the squares about gases green, and the squares about solids yellow. Then draw a line on the yellow path for the mouse to get to the cheese.



liquid	solid	has a definite size but no shape			water takes this form above 100 °c
has a definite size and shape	gas	has no definite size or shape		can be poured	
		water takes this form below 0 °c	takes the shape and size of any container		things take this form when they freeze
takes the shape of the container but not the size		water changes to this state between 0 °c and 100 °c	water changes to this state above 100 °c		
	solids take this state when they melt				liquids take this state when they evaporate

You could also try to find out:

- what other slow-flowing liquids exist;
- what the official definitions of solids and liquids are;
- what speed ketchup flows at;
- if you can set up a slow-flowing liquid demonstration.

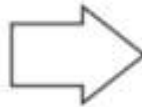


Changing State

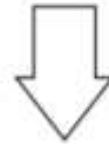
below 100°C	evaporates	condenses	freezes
heat	melts	0°C	100°C
cool	cool	heat	
0°C			

Using the words above complete the sentences below.

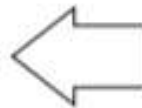
If you _____ water to a temperature of _____, it _____ to form water vapour.



If you _____ water vapour to a temperature of _____, it _____ to form water.



If you _____ ice to a temperature of _____, it _____ to form water.



If you _____ water to a temperature of _____, it _____ to form ice.

