


**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. We do not want the activities suggested here to become a source of extra stress for you. Please know that the teachers are available by email to provide support, if needed. The most important activity for you to complete with your child(ren) is daily reading and language development through conversation. We also recognise that activities you do with your children such as craft, baking, playing games, etc. have many educational benefits and would encourage you to continue completing activities both you and your child enjoy doing together.

Please let either of us know if you have any queries. **Best wishes, from Mr Martin and Mr Douglas.**

Year 4 Home Learning Menu	Week beginning 20.04.20
<p style="text-align: center;"><b>P.E.</b></p>	<p style="text-align: center;"><b>Creative (Music, Art, Drama)</b></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;"><b>LO: Create an indoor version of an outdoor PE activity.</b> See sheet at end of form for an idea on how to play Ping Pong without a table.</p>	<p>There are some online classes being offered for example Emma Scott runs an art session online at 2pm every day.</p> <p><b><u>L.O – To conduct research about Hokusai's work and replicate his work</u></b> This half term we are looking at an artist called <b>Katsushika Hokusai</b>. See if you can conduct some research about him. Can you find any pictures of his artwork? See if you can have a go at recreating some of his work.</p> <div style="text-align: center;">  </div> <p style="text-align: center;"><i>The Great Wave off Kanagawa</i>, Hokusai's most famous print.</p>

## Weekly Subject Focused Project: Geography

Big Question: **What makes Earth angry?**

Focus: **Volcanoes**

Key Tasks: **Create your own volcano model or image.**

You could use: Play-Doh, cardboard, paper, paint, a collage, chalk or clay.

It could be small or **BIG**.

- Identify regions of the world where volcanoes are more common.
- Find out what the *Pacific Ring of Fire* is.
- Create a labelled diagram of a cross-section of a volcano.

## Spelling and Grammar

# 'ough'

Sometimes 'ough' can make...



an 'oo' sound  
as in  
**through.**



a 'long' o'  
sound as in  
**dough.**



an 'off'  
sound as in  
**cough.**



an 'uff'  
sound as in  
**rough.**

**though, cough, although, trough, dough, rough, doughnut, tough, trough, enough**

Use the words to practise your handwriting skills.

Turn the words into images to show the meaning.



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

Watching or Watching

Discuss the words in the questions below.

Are any of the words new to you?

Can you use them in sentences of your own?

We will be happy to receive any examples you create!

a. Circle the correct definition for the word **bargain**.

<i>a mark on the skin caused by injury</i>	<i>something seen as being good value</i>	<i>burial ground</i>	<i>known; usual; informal</i>
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b. Circle the correct definition for the word **leisure**.

<i>free time; relaxation</i>	<i>obstruction or interference</i>	<i>body tissue that enables movement</i>	<i>an orderly line</i>
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c. Circle the word that means *a number that has only two factors: one and itself*.

<b>ratio</b>	<b>integer</b>	<b>factor</b>	<b>prime</b>
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d. Circle the word that means *a stream that flows over the edge of a cliff*.

<b>river</b>	<b>current</b>	<b>waterfall</b>	<b>lake</b>
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## 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](http://www.pobble365.com)  
Each day there is a new stimulus, with reading, writing and grammar challenges to think about.

### Vocabulary

The word/phrase \_\_\_\_\_ shows that...  
A synonym for \_\_\_\_\_ is...  
The word(s) \_\_\_\_\_ suggest that the character is feeling...  
A definition for the word \_\_\_\_\_ is...

### Explain

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

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....

### Retrieve

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

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...

### Summarise

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



### A walk on the wild side

Where can you take your kids for a fun day out that exercises their minds as well as their bodies. Look no than Saxon Wood.

Saxon Wood was so more than just an area of outstanding natural beauty. It has wooden sculptures of people and animals from olden stories like Little Red Riding Hood and The Three Little Pigs and so on that the younger children will enjoy. There is a massive adventure playground packed with thrilling equipment to scramble over. There is even a nature study centre, complete with a lake in which to go pond dipping or spotting frogs who could ask for more.

At only £5 per family group, it was also great value. So, pack a picnic, put on your and enjoy a great day out.

### Editing for meaning

The text to the left (*A walk on the wild side*) and associated tasks are also available at the bottom of this document.

Read through the text carefully before identifying and listing parts of the text that need editing.

Finally, rewrite the extract, making the amendments you have identified, so that the final text is an improved version of the original. Remember – a first draft can always be improved!

## 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/5572>

<https://nrich.maths.org/14253>

<https://nrich.maths.org/6499>

### Daily lessons

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, along with links to questions to check understanding. 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

[www.purplemash.com](http://www.purplemash.com) – check the 'To Do' section. *Please get in touch if your child does not have their login details.*

[www.barefootcomputing.org/homelearning](http://www.barefootcomputing.org/homelearning) – for a selection of computing activities.

<https://www.bbc.co.uk/bitesize/> - navigate to 'primary' or access the daily core subject (English and Maths) lessons available from 20.04.20

<https://www.topmarks.co.uk/maths-games/hit-the-button> - For times tables, division facts, number bonds and more.



# PING TOWEL PONG



## YOU WILL NEED

- Family or friends
- A space to play
- A towel
- A small ball

## HOW TO PLAY

- Divide into two teams.
- Each team stands holding the opposite corners of the towel.
- Keeping it flat, place a small ball in the middle of the towel.
- Tip the towel to try to make the ball run off the other team's end.
- The winner is the one who manages to get the ball to run off the other team's end.

## REMEMBER...

- Make sure you have enough space around you.

# 10 - Minute Maths

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Sheet 1

Add comparison symbols to make this correct.

23,753  9,378  
79,000  97,000  
140,000  410,000  
896,555  985,666

Write the value of the Roman numerals.

Roman Numeral	Number
DCCLII	
CDXVII	
XIX	
LXV	
CXXIV	

Round these numbers to the nearest whole number.

- a) 5.4  $\approx$  \_\_\_\_\_  
b) 3.18  $\approx$  \_\_\_\_\_  
c) 8.49  $\approx$  \_\_\_\_\_  
d) 1.64  $\approx$  \_\_\_\_\_  
e) 0.91  $\approx$  \_\_\_\_\_

There are 100 apples in a bucket.  
62 are green and the rest are red.

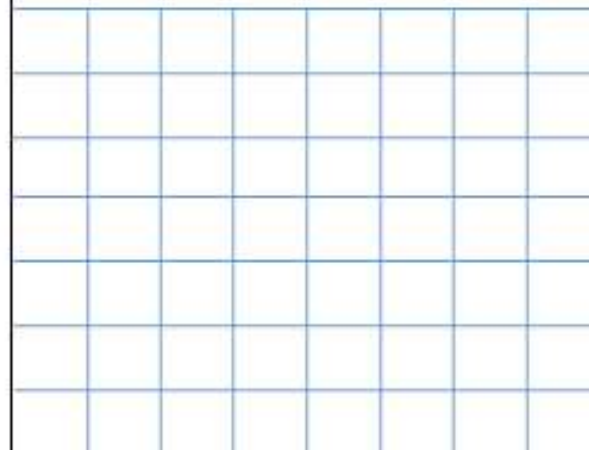
What percentage are red?



Complete the sequence.

30, 15, 0, \_\_\_\_\_, \_\_\_\_\_  
12, 7, 2, \_\_\_\_\_, \_\_\_\_\_  
- 350, - 200, - 50, \_\_\_\_\_, \_\_\_\_\_  
- 90, - 65, - 40, \_\_\_\_\_, \_\_\_\_\_

$$7,856 + 16,502 =$$



One watch costs £15. I spend £150.  
How many watches did I buy?

Watches are now, 'Buy 2, Get 1 Free'.  
I leave with 12 watches.  
How much did I spend if 1 watch is £15?



# 10 - Minute Maths



Zach has counted backwards in 5s.

Can you explain the mistake he has made and correct it?

- 11, - 6, - 1, - 4



Complete the fractions.

$$\frac{\square}{36} + \frac{1}{12} = \frac{5}{6}$$

$$\frac{12}{\square} - \frac{7}{8} = \frac{5}{8}$$

Circle the numbers greater than 63 thousandths.

0.63      63 ones

7 tenths      0.008

6.3      0.2

A train travels 100 km in an hour.

How far does it travel in 150 minutes?



Write these numbers in order from the smallest to the largest.

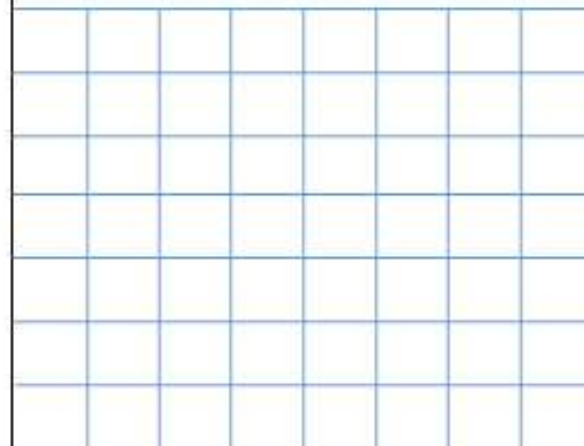
36,540

360,450

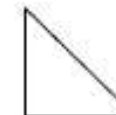
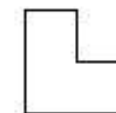
350,540




$$84,323 - 12,642 = \square$$



Circle the irregular polygons.



# 10 - Minute Maths



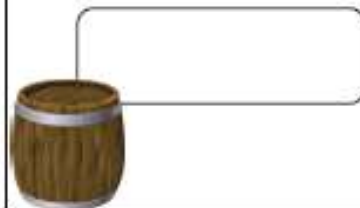
Complete the table.

	Round to the nearest 100
24,439	
9,199	
471	

Steph's barrel was 41.75 kg.

She added 3.25 kg of clothes, and then decided to take out 2.05 kg.

What is the new weight of the barrel?

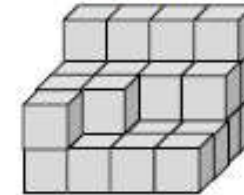


Put the other hand at the correct place to make an angle written below.



150°

Malachi wanted to build a big cube with a volume of 64cm<sup>3</sup>, using small cubes.  
How many more small cubes does he needs to finish his model?




Fill in the missing digits.

$$\square \square \square \square + 4,000 = 7,353$$

$$85,262 - \square \square \square \square \square = 262$$

Complete the calculation.


$$\begin{array}{r}
 12,724 \\
 + \quad \quad \quad \\
 \hline
 35,022
 \end{array}$$

Circle the largest number in each row.

2,450	2,200	2,890	2,699
56,752	55,652	6,752	50,999
7,678	7,341	7,553	76,400
33,333	330,300	3,470	13,980



# 10 - Minute Maths



Calculate the answers mentally.

$$150 \times 20 = \boxed{\phantom{0000}}$$

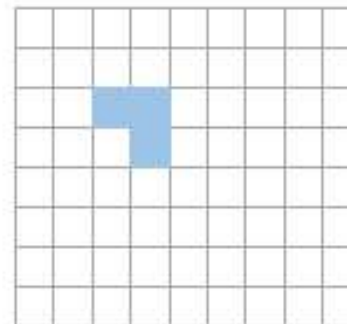
$$19 \times 5 = \boxed{\phantom{000}}$$

$$13 \times 100 = \boxed{\phantom{0000}}$$

Circle all of the prime numbers below.

13                      6  
                                     17  
                     8  
                                     21  
 3

A shape is translated three squares to the right, two down and three to the left. Draw the new position of this shape.



Partition these numbers.

4.55

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---

7.262

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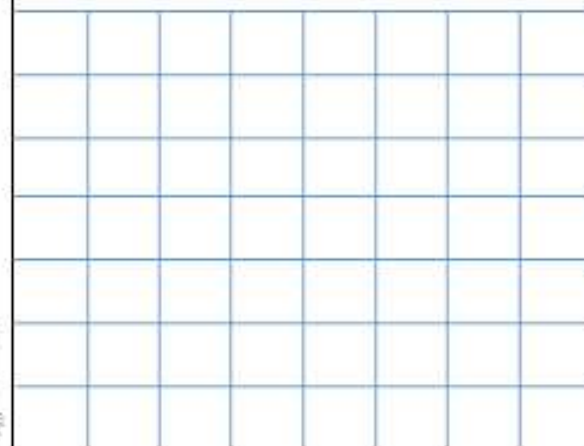
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Emily is making a new rice dish. For every 25g of rice, she needs 40ml of water and 30ml of vegetable stock.

She uses a total of 210 ml of liquid. How much rice did she use?



$$34,305 - 465 = \boxed{\phantom{0000}}$$



Colour the second image to show an equivalent fraction. Write the fractions under each image.


=



# 10 - Minute Maths



Draw an arrow to match each number to its whole.

3.58	0	1.9
	1	
0.45	2	4.53
	3	
2.71	4	1.29
	5	

Simplify the fractions.

$$\frac{15}{100} = \frac{\square}{\square}$$

$$\frac{12}{60} = \frac{\square}{\square}$$

$$\frac{48}{18} = \frac{\square}{\square}$$

If 1 pint = 568 ml, how many litres are there in:

3 pints  $\approx$   l

11 pints  $\approx$   l

4.5 pints  $\approx$   l

100 pints  $\approx$   l

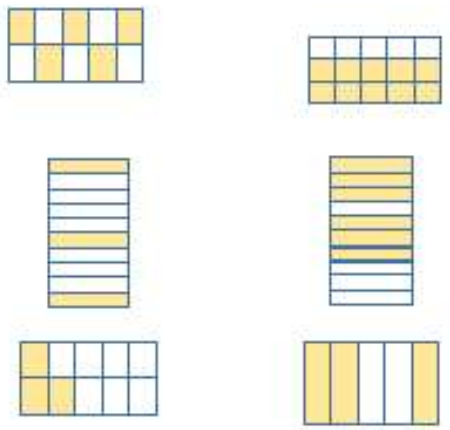
Add the correct comparison sign.  
> = <

150°   $\frac{2}{3}$  turn

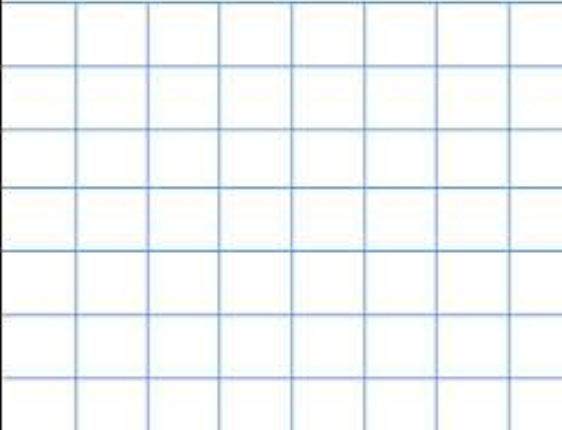
60°   $\frac{1}{10}$  turn

30°   $\frac{1}{4}$  turn

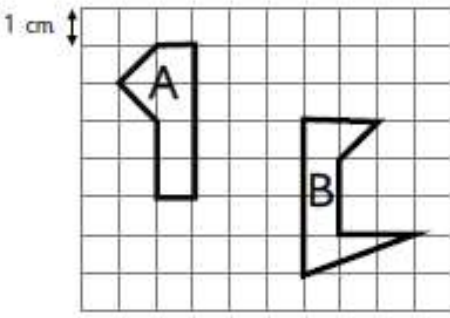
Circle the models that represent  $\frac{3}{5}$ .



$451 \times 6 =$



Which shape has the greater area?



Area of A:

Area of B:

# ANSWERS

## 10 - Minute Maths

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Sheet 1

Add comparison symbols to make this correct.

23,753  9,378

79,000  97,000

140,000  410,000

896,555  985,666

Write the value of the Roman numerals.

Roman Numeral	Number
DCCLII	752
CDXVII	417
XIX	19
LXV	65
CXXIV	124

Round these numbers to the nearest whole number.

a) 5.4 ≈ 5

b) 3.18 ≈ 3

c) 8.49 ≈ 8

d) 1.64 ≈ 2

e) 0.91 ≈ 1

There are 100 apples in a bucket. 62 are green and the rest are red.

What percentage are red?

38 %

Complete the sequence.

30, 15, 0, -15, -30

12, 7, 2, -3, -8

-350, -200, -50, 100, 250

-90, -65, -40, -15, 10

$7,856 + 16,502 =$  24,358

	+	7	,	8	5	6	
		1	6	,	5	0	2
		<hr/>					
		2	4	,	3	5	8
		1	1				

One watch costs £15. I spend £150. How many watches did I buy?

10

Watches are now 'Buy 2, Get 1 Free'. I leave with 12 watches. How much did I spend if 1 watch is £15?

£90

## 10 - Minute Maths

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Sheet 2

Zach has counted backwards in 5s. Can you explain the mistake he has made and correct it?

-11, -6, -1, -4

Zach has counted correctly until he got to negative 1. He counted back 1 number until zero and then instead of counting 1, 2, 3, 4 - he counted backwards through zero.

Complete the fractions.

27 / 36 + 1 / 12 = 5 / 6

12 / 8 - 7 / 8 = 5 / 8

Circle the numbers greater than 63 thousandths.

0.63    63 ones

7 tenths    0.008

6.3    0.2

A train travels 100 km in an hour. How far does it travel in 150 minutes?

250 km

Write these numbers in order from the smallest to the largest.

36,540    360,450    350,540

36,540    350,540    360,450

$84,323 - 12,642 =$  71,681

		3	12	1		
	-	8	4	3	2	3
		1	2	6	4	2
		<hr/>				
		7	1	6	8	1

Circle the irregular polygons.

# 10 - Minute Maths

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Sheet 3

Complete the table.

	Round to the nearest 100
24,439	24,400
9,199	9,200
471	500

Steph's barrel was 41.75 kg.

She added 3.25 kg of clothes, and then decided to take out 2.05 kg.

What is the new weight of the barrel?

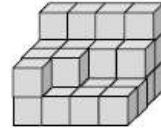
42.95 kg

Put the other hand at the correct place to make an angle written below.



$150^\circ$

Malachi wanted to build a big cube with a volume of  $64\text{cm}^3$ , using small cubes. How many more small cubes does he need to finish his model?



33 small cubes

Fill in the missing digits.

$$\boxed{3} \boxed{3} \boxed{5} \boxed{3} + 4,000 = 7,353$$

$$85,262 - \boxed{8} \boxed{5} \boxed{0} \boxed{0} \boxed{0} = 262$$

Complete the calculation.

		1	2	7	2	4		
+	2	2	2	9	8			
<hr style="border: none; border-top: 1px solid black;"/>								
	3	5	0	2	2			
		1	1	1				

Circle the largest number in each row.

2,450	2,200	2,890	2,699
56,752	55,652	6,752	50,999
7,678	7,341	7,553	76,400
33,333	330,300	3,470	13,980

# 10 - Minute Maths

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Sheet 4

Calculate the answers mentally.

$$150 \times 20 = 3,000$$

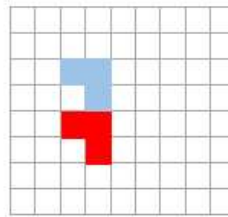
$$19 \times 5 = 95$$

$$13 \times 100 = 1,300$$

Circle all of the prime numbers below.

13      6  
8      17  
3      21

A shape is translated three squares to the right, two down and three to the left. Draw the new position of this shape.



Partition these numbers.

4.55

4 ones, 5 tenths, 5 hundredths

7.262

7 ones, 2 tenths, 6 hundredths,  
2 thousandths

Emily is making a new rice dish. For every 25g of rice, she needs 40ml of water and 30ml of vegetable stock.

She uses a total of 210 ml of liquid. How much rice did she use?

75 g



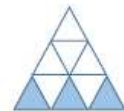
$$34,305 - 465 = \boxed{\phantom{00000}}$$

	3	4	3	0	5			
-				4	6	5		
<hr style="border: none; border-top: 1px solid black;"/>								
	3	3	8	4	0			

Colour the second image to show an equivalent fraction. Write the fractions under each image.



$$\frac{4}{12}$$



$$\frac{3}{9}$$



Draw an arrow to match each number to its whole.

Simplify the fractions:

$$\frac{15}{100} = \frac{\boxed{3}}{\boxed{20}}$$

$$\frac{12}{60} = \frac{\boxed{1}}{\boxed{5}}$$

$$\frac{48}{18} = \frac{\boxed{8}}{\boxed{3}}$$

If 1 pint = 568 ml, how many litres are there in:

3 pints  $\approx$  1,704 l

11 pints  $\approx$  6,248 l

4.5 pints  $\approx$  2,556 l

100 pints  $\approx$  56,800 l

Add the correct comparison sign.

> = <

150° <  $\frac{2}{3}$  turn

60° >  $\frac{1}{10}$  turn

30° <  $\frac{1}{4}$  turn

Circle the models that represent  $\frac{3}{5}$ .

$451 \times 6 =$  1,617

Which shape has the greater area?

Area of A: 5 cm<sup>2</sup> = Area of B: 5 cm<sup>2</sup>

# Editing for meaning - Year 5

1. Read the extract below.



## A walk on the wild side

Where can you take your kids for a fun day out that exercises their minds as well as their bodies. Look no than Saxon Wood.

Saxon Wood was so more than just an area of outstanding natural beauty. It has wooden sculptures of people and animals from olden stories like Little Red Riding Hood and The Three Little Pigs and so on that the younger children will enjoy. There is a massive adventure playground packed with thrilling equipment to scramble over. There is even a nature study centre, complete with a lake in which to go pond dipping or spotting frogs who could ask for more.

At only £5 per family group, it was also great value. So, pack a picnic, put on your and enjoy a great day out.

2. After reading the extract, check for the following aspects and underline them:

- Check if there are any missing words.
- Check if there is any missing punctuation.
- Check if there are any problems with the tense.
- Find at least one part that could be improved.

3. Complete the grid below.

List any missing words.	
List any missing punctuation.	
List any problems with the tense.	
Write a sentence which could be improved.	