
Work pack – Group 1 – Week 6 – 6th July – 10th July

Week 6 Timetable:

Day	Core	Foundation
Monday	Reading – Reflection Questions: Front Cover Stimulus Writing – Adverbs of Possibility Maths – Divide 4 digits by 1 digit	Science – Soluble or insoluble? (Experiment)
Tuesday	Reading – The Wolves of Willoughby Chase – Extract 1: Description Activity Writing – Table of Certainty Maths – Multiply by 10, 100, 1000	Thematic – What is Baghdad’s place in the world?
Wednesday	Reading – The Wolves of Willoughby Chase – Extract 1: Retrieval questions Writing – Inspired in Lockdown Maths - Multiply by 10, 100, 1000	Music- Exploring emotions
Thursday	Reading – The Wolves of Willoughby Chase – Extract 2: Vocabulary questions Writing – Inspired in Lockdown Maths – Divide by 10, 100, 1000	RE- What matters to Jewish people?
Friday	Reading – The Wolves of Willoughby Chase – Extract 2: Inference questions Writing - Editing Maths – Divide by 10, 100, 1000	Computing – Code Breakers

This timetable is flexible. Some days will be more productive than others. We ask that you do the core subjects (reading, writing, maths) daily, and then balance the foundation subjects as suits you. You may find that doing all of the days work in one go works best (remember to take a short break, though) or splitting it into morning and afternoon suits you better.

If you are unable to complete everything then do not worry. Do your best and that will be good enough.

Remember the assembly on routines – try to start at the same time every day, in a quiet place if possible. Have a clear plan for the day.

Monday

Reading – Reflection Questions: Front Cover Stimulus

Writing – Adverbs of Possibility

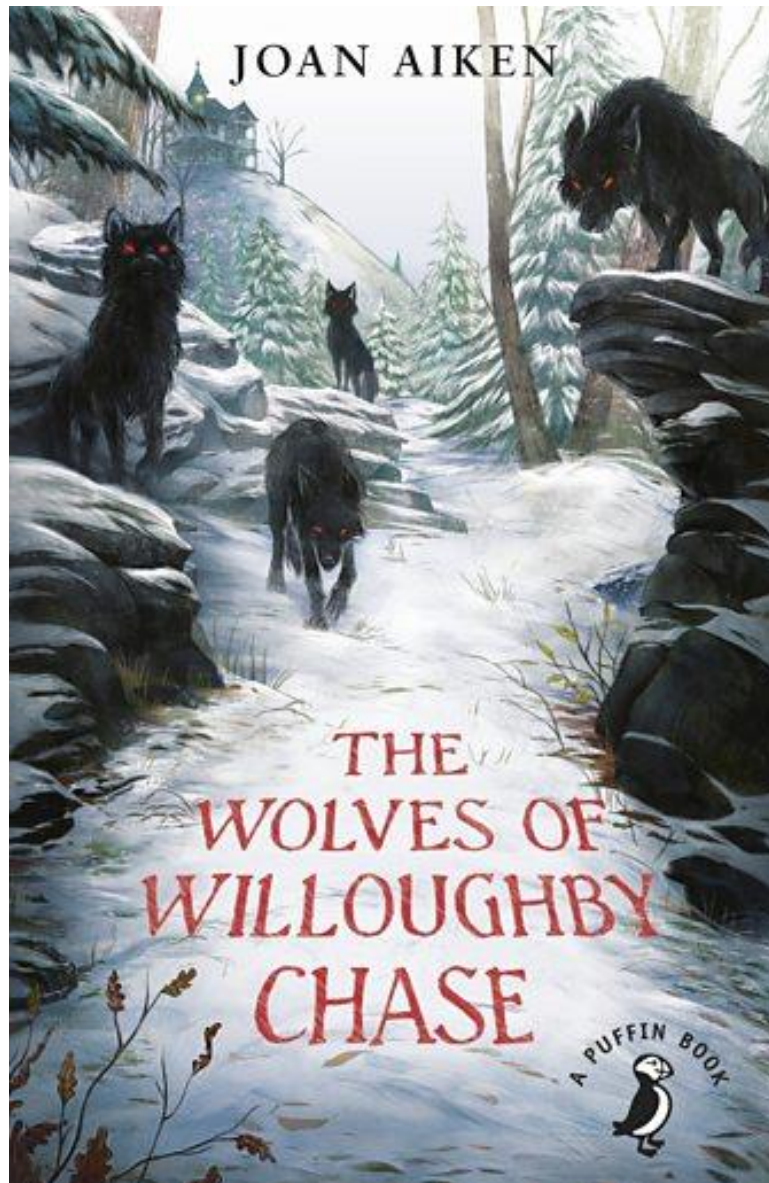
Maths – Divide 4 digits by 1 digit

Science – Soluble or insoluble?

Monday 6th July

Reading

Take a moment to look at the picture, which is the front cover of the book that we will be exploring through our reading activities this week. Write down any questions you have, then answer the questions below.



1. What do you think is the genre of this novel? Do you think it is a mystery/romance/comedy/action/adventure/thriller/sci-fi/fantasy/horror or a combination of a few of these?
2. What is it about the front cover illustration that made you think the book would be that particular genre?
3. Do you think you would enjoy this story? Why/why not?
4. What do you predict this story would be about?
5. Select five adjectives to describe the front cover. Try to make ambitious vocabulary choices!

Write answers to these reflection questions in your English book. Remember to share your work with me on dojo as I will be sharing the best answers at the end of the day.



Writing – Adverbs of Possibility

Please write the date and the title into your lined activity book



The theme for the next two weeks is 'Lockdown'. In this unit we will revise relative clauses and adverbs of possibility. By the end of the two weeks, you will have written your own persuasive letter.

Today's Task:

1. Go through the slides on Adverbs of Possibility
2. Read the Adverbs of Possibility sentences.
3. Underline the verbs.
4. Add an adverb of possibility to each sentence. Look at the list of Adverbs of Possibility to help you.

Adverbs of Possibility sentences

1. _____, Maria and Matt are looking forward to their wedding.
2. A wedding party in lockdown would _____ be a challenge.
3. They are _____ unlucky to have to plan a wedding in lockdown.
4. If you want to have a memorable time, you should _____ think creatively.
5. _____, Matt thought that his poem would make people smile.
6. People can _____ identify with the situation that they are in.
7. If I was planning a celebration, I would _____ use music as part of it.
8. _____ cheerful dance music could create the right atmosphere.

Adverbs of Possibility

perhaps
maybe
possibly
probably
surely
definitely
certainly

Adverbs of possibility

An **adverb** can tell you more about a **verb**.
Some **adverbs** tell us how *certain* we are about the **verb**.



We will *probably* eat crisps.

We will *possibly* make decorations from pasta.

We will *definitely* have an amazing day.



These adverbs are useful for talking about the future.

Adverbs

You can order these **adverbs** by possibility/certainty.



What order would you put these in? Do you agree with this ordering?

Adverbs

Adverbs of possibility usually go before the **main verb**.

They *certainly* need to think creatively.

Matt and Maria *definitely* want to be married.

Some **adverbs** of possibility can go at the *beginning* of the sentence .

Maybe, they will be able to hold a party later.

Perhaps, they will celebrate with friends using video-calls.

When the adverb opens the sentence, punctuate with a **comma**.

These **adverbs** modify the **whole clause**.

4-a-Day Arithmetic Practice

1 $678 + 400 =$

2 $70 \times 7 =$

3 $6,657 \times 8 =$

4 $60 \times 50 =$

Follow the link to re-watch the explanation video: <https://vimeo.com/413577975>

Worked example:

$186 \div 6 =$

	0	3	1
6			
	1	8	6

no groups of 6 can be made

$3 \times 6 = 18$

$1 \times 6 = 6$



Complete questions 3-6.

Science- Soluble or Insoluble? (Experiment)

We are now going to explore different materials to see if they are soluble or insoluble.

How can we investigate if a material is soluble?

How will we know if it is soluble? What test can we do?

Use the sheet to record your findings.

Soluble or Insoluble?

Material	Soluble or insoluble?	Time taken to dissolve in warm water	Time taken to dissolve in cold water

What if no materials in the world were soluble?

Think of three pros (good things about it) and three cons (bad things about it).

Pros	Cons
1.	1.
2.	2.
3.	3.

Tuesday	Reading – The Wolves of Willoughby Chase – Extract 1: Description Activity Writing – Table of Certainty Maths – Multiply by 10, 100, 1000 Thematic – What is Baghdad’s place in the world?
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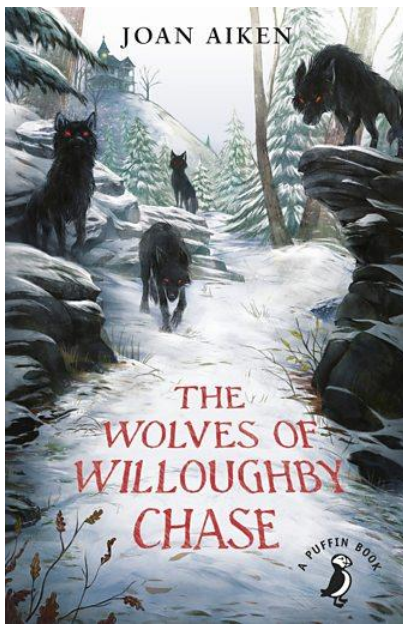
Tuesday 7th July

Reading

Our reading for this week will focus on the novel, *The Wolves of Willoughby Chase*.

The story is set in early 19th-century England. A large number of wolves have migrated from Europe and Russia and are terrorising the people in rural England. The first extract introduces the main house which is called Willoughby Chase. There are wolves outside the walls of Willoughby Chase, but for cousins Bonnie and Sylvia, the real danger lies inside with their wicked governess Miss Slighcarp.

Watch musician and TV presenter YolanDa Brown read extract 1 from *The Wolves of Willoughby Chase* by scanning the QR code or read the extract below.



Extract 1

It was dusk - winter dusk. Snow lay white and shining over the pleated hills, and icicles hung from the forest trees. Snow lay piled on the dark road across Willoughby Wold, but from dawn men had been clearing it with brooms and shovels. There were hundreds of them at work, wrapped in sacking because of the bitter cold, and keeping together in groups for fear of the wolves, grown savage and reckless from hunger.

Snow lay thick, too, upon the roof of Willoughby Chase, the great house that stood on an open eminence in the heart of the wold. But for all that, the Chase looked an inviting home – a warm and welcoming stronghold. Its rosy herringbone brick was bright and well cared for, its numerous turrets and battlements stood up sharp against the sky, and the crenellated balconies, corniced with snow, each held a golden square of window. The house was all alight within, and the joyous hubbub of its activity contrasted with the sombre sighing of the wind and the hideous howling of the wolves without.

In extract 1, the writer describes both the house and its surroundings.

1. Skim and scan the extract and make notes on the description of the house and its surroundings.

You might like to record your ideas in a table.

The surroundings	The house
1.	
2.	
3.	

2. Once you have made your notes, write a paragraph comparing the exterior with the interior.

You could use the following phrases and words to link your ideas:

- On the other hand
- However
- But
- In contrast



Share your observations with me on ClassDojo, I'd love to see your comparisons!

Writing – Table of Certainty

1. Think about your life in six-month's time. What possibilities could be there? What can you be sure about? Record your ideas on the Table of Certainty.
2. Use the Table of Certainty to interview others in your family about their ideas of the future. What will they possibly, maybe and certainly be doing?

Table of Certainty

Certainly Definitely	
Maybe Surely	
Perhaps Possibly	

4-a-Day Arithmetic Practice

1 $607 \div 8 =$

2 $6 \times 12 =$

3 $6,483 + 7,835 =$

4 $61 + 30 =$

Watch: <https://vimeo.com/418156588>

Worked example:

	6	.		
6	0	.		

$\leftarrow \times 10$

		6	.	
6	0	0	.	

$\leftarrow \times 100$



Complete questions 1-4.

Multiply by 10, 100 and 1,000

1 Complete the multiplications.

Th	H	T	O
			7

$7 \times 10 = \square$

Th	H	T	O
		3	9

$39 \times 10 = \square$

Th	H	T	O
	2	0	5

$205 \times 10 = \square$

d) What happens to the digits when you multiply by 10?

2 Complete the multiplication sentences.

- a) $9 \times 10 = \square$
- b) $54 \times 10 = \square$
- c) $10 \times 13 = \square$
- d) $126 \times 10 = \square$
- e) $\square \times 10 = 320$
- f) $10 \times \square = 1,350$
- g) $20 \times 10 = \square$
- h) $\square \times 10 = 5,000$

3 Multiply each number by 100 and then by 1,000

a)

HTh	TTh	Th	H	T	O
					9

 $9 \times 100 = \square$
 $9 \times 1,000 = \square$

b)

HTh	TTh	Th	H	T	O
				1	6

 $16 \times 100 = \square$
 $16 \times 1,000 = \square$

c)

HTh	TTh	Th	H	T	O
		2	4	5	

 $245 \times 100 = \square$
 $245 \times 1,000 = \square$

d) Explain to a partner how you multiply a number by 100
 Ask them to explain how to multiply by 1,000

4 Complete the multiplication sentences.

- a) $45 \times 100 = \square$
- b) $612 \times 100 = \square$
- c) $41 \times 10 = \square$
- d) $10 \times 952 = \square$
- e) $52 \times 100 = \square$
- f) $715 \times 100 = \square$
- g) $100 \times 952 = \square$
- h) $720 \times 100 = \square$
- i) $41 \times 100 = \square$
- j) $41 \times 1,000 = \square$
- k) $1,000 \times 952 = \square$

Thematic- What is Baghdad's place in the world?

- * China and the Islamic Empires were the driving force of 'civilisation' in this period.
- * They came before the European expansion.
- * The Islamic Golden Age took place while Europe was in its "Dark Ages" so Baghdad was central in developing new thinking.

- * City of Baghdad has a long and rich history; it became the central hub of the Islamic empire
- * City was established by Al-Mansur, the second **caliph** of the Abbasid Empire, in 762-764
- * A caliph is a the chief Muslim civil and religious ruler
- * City was designed to be circular in shape, and was known to many as 'The Round City'
- * Al-Mansur strategically chose Baghdad as the administrative capital of the Abbasid Empire due to its proximity to water and its links to trade routes

Answer the questions in full sentences in your book.

1. What was happening in Europe during the Islamic Golden Age?
2. Who is Al-Mansur?
3. What shape was the city designed to be?
4. Why was Baghdad chosen as the administrative capital?

Wednesday

Reading – The Wolves of Willoughby Chase – Extract 1: Retrieval questions

Writing – Inspired in Lockdown

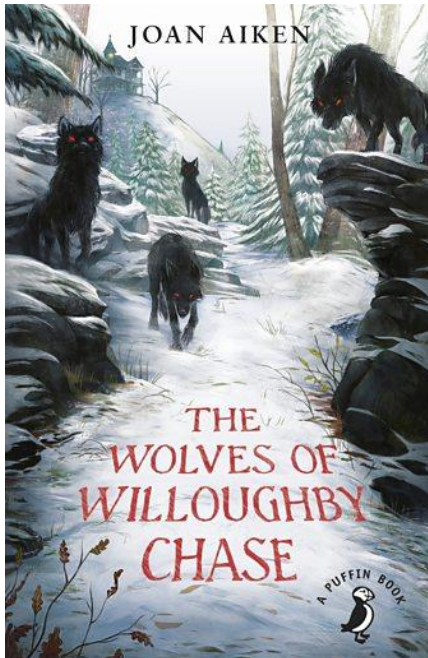
Maths - Multiply by 10, 100, 1000

Music- Exploring emotions

Wednesday 8th July

Reading

Watch musician and TV presenter Yolanda Brown read extract 1 from *The Wolves of Willoughby Chase* again by scanning the QR code or re-read the extract below.



Extract 1

It was dusk - winter dusk. Snow lay white and shining over the pleated hills, and icicles hung from the forest trees. Snow lay piled on the dark road across Willoughby Wold, but from dawn men had been clearing it with brooms and shovels. There were hundreds of them at work, wrapped in sacking because of the bitter cold, and keeping together in groups for fear of the wolves, grown savage and reckless from hunger.

Snow lay thick, too, upon the roof of Willoughby Chase, the great house that stood on an open eminence in the heart of the wold. But for all that, the Chase looked an inviting home – a warm and welcoming stronghold. Its rosy herringbone brick was bright and well cared for, its numerous turrets and battlements stood up sharp against the sky, and the crenellated balconies, corniced with snow, each held a golden square of window. The house was all alight within, and the joyous hubbub of its activity contrasted with the sombre sighing of the wind and the hideous howling of the wolves without.

Retrieval Questions:

1. Write down **three** ways in which the house is described (your work from yesterday should help you to answer this question):

a. _____

b. _____

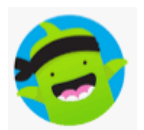
c. _____

2. Can you spot the two examples of alliteration used in the final sentence of the extract?

3. Tick one box in each row to show whether each statement is **true** or **false**.

	True	False
The men had been clearing the snow since dawn	<input type="checkbox"/>	<input type="checkbox"/>
Willoughby Chase house was dark and uninviting	<input type="checkbox"/>	<input type="checkbox"/>
The working men are frightened of the wolves	<input type="checkbox"/>	<input type="checkbox"/>

The correct answers will be posted at the end of the day on ClassDojo.



Writing – Inspired in Lockdown

Please write the date and the title into your lined activity book

We cannot always control what will happen in the future, but we can make the most of each moment now.

Today's Task:

1. Read the 4 stories from 'The Week Junior' on the . Like Tommie and Mason (who raised money for the NHS), they are about people who have been inspired in Lockdown.
2. Complete the table. The first row has been done for you.
3. Which of these stories do you find most inspirational? Why?

Name	Inspiration/Challenge	Action	Results
<i>Josh White</i>	<i>Raise money for Dartmoor Zoo</i>	<i>Climb stairs 3,400 times</i>	<i>Raised £20,000</i>

Dartmoor Zoo, in Devon, England, launched an appeal to raise money after it had to close last month because of coronavirus. When animal lover Josh White heard, he pledged to climb his stairs 3,400 times, which he says is the equivalent of scaling Mount Everest. The 11-year-old has raised nearly £20,000.



Eight-year-old Elise Parkes and her father spent two days building a Lego model of King's Mill Hospital, in Nottinghamshire, England. They added figures of doctors, nurses and patients. Parkes was asked by a teacher at her school, Dalestorth Primary School, in Skegby, to make a model of a local building she most admires.



A man living in Eastbourne, England, has spent lockdown completing a fully functioning railway in his back garden. It took Adrian Backshall hundreds of hours to construct the system, which allows a train wagon to be moved up and down. Inside the train, Backshall has a kettle, a seat and a stove, and he says he designed it to host parties for friends. The railway line is just nine metres long, but Backshall hopes to extend it to 15 metres in the future.



A teacher from London is helping people to learn more about wildlife by writing on the pavement rather than on her blackboard. Rachel Summer usually teaches people about the natural world but this is not possible for now because of the coronavirus outbreak. Instead, she decided to write the names of trees and facts about them on the pavement using chalk, to make people's walks more interesting. "I wanted to help people make a connection with the wild spaces where they live," Summer told the BBC. Images of her chalk writings have been posted on social media and have become popular. One user was happy to see them, writing that it made their "heart sing today".



5 Write $>$, $<$ or $=$ to make the statements true.

a) 78×10 78×100

b) 100×56 65×100

c) 930×10 100×93

d) $1,000 \times 482$ 482×100

6



54 × 1,000
is the same as
54 × 10 × 10 × 10

Is Rosie correct? _____
Explain how you know.

7

Complete the multiplication sentences.

a) $52 \times$ $= 5,200$ f) $\times 370 = 3,700$

b) $95 \times$ $= 950$ g) $\times 100 = 8,200$

c) $136 \times$ $= 1,360$ h) $\times 100 = 82,000$

d) $272 \times$ $= 272,000$ i) $\times 10 = 39,000$

e) $6,200 =$ $\times 62$ j) $1,000 \times$ $= 80,000$

8 Ron and Dani have paper rounds.

Ron delivers 75 papers a month.

Dani delivers 10 times as many papers a month as Ron.

How many papers do they deliver altogether?

 papers

9

Mrs Hall owns a bookshop.

- In January, she sold 145 books.
- In February she sold 10 times as many books.
- In March she sold 10 times as many books as in February.

How many books did Mrs Hall sell in March?

Show your workings.

Compare answers with a partner.

10

Amir thinks of a number.

He multiplies it by 100

The answer has the same digit in the thousands and hundreds columns.

The total of all the digits is 8

What could the number be?

Music- Exploring emotions

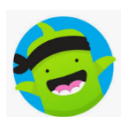
Watch: <https://www.thenational.academy/year-5/foundation/exploring-emotions-in-music-year-5-wk6-5#slide-2>



Choose 2 of your own songs. Make sure they are different. Write a sentence for each song describing how it makes you feel and what colour you think the song is.

Song 1	Song 2
<p>Title:</p> <p>Artist:</p> <p>How it makes me feel:</p> <p>Colour it makes me think of:</p>	<p>Title:</p> <p>Artist:</p> <p>How it makes me feel:</p> <p>Colour it makes me think of:</p>

Share your responses on Dojo.

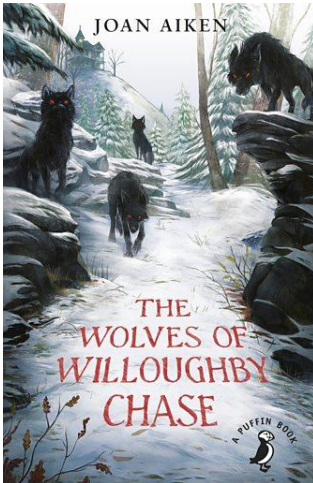


Thursday	Reading – The Wolves of Willoughby Chase – Extract 2: Vocabulary questions Writing – Inspired in Lockdown Maths – Divide by 10, 100, 1000? RE- What matters to Jewish people?
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Thursday 9th July

Reading

The second extract introduces some of the main characters including Sir Willoughby, his young daughter Bonnie and her new governess Miss Slighcarp, who is working with a network of criminals to carry out a terrible plan. Watch musician and TV presenter Yolanda Brown read extract 2 from *The Wolves of Willoughby Chase* by scanning the QR code or read the extract below.



Extract 2

‘That’s all right,’ said Sir Willoughby heartily. ‘Mustn’t let Miss Sylvia die of cold on the train. Besides, the wolves might get you, and then the poor child would be held up on the train all night for want of the signal. Never do, eh? Well, Bonnie, what is it, miss?’

‘Oh, Papa,’ said Bonnie, who had been plucking at his sleeve, ‘may I go with Solly in the chaise to meet Sylvia? May I?’

‘No indulgence should be permitted to a child who has behaved as she has done,’ remarked Miss Slighcarp.

‘Oh, come, come, Miss Slighcarp, come, come, ma’am,’ said Sir Willoughby good-naturedly. ‘Young blood, you know. Besides, my Bonnie’s as good a shot at a wolf as any of them. Run along, then, miss, but wrap up snug – remember you’ll be several hours on the road.’

‘Oh, thank you, Papa! Goodbye! Goodbye, Mamma dear, goodbye, Miss Slighcarp!’ and she fondly kissed her parents and ran from the room to find her warmest bonnet and pelisse.*

‘Reckless, foolish indulgence,’ muttered the governess, directing after Bonnie a look of the purest spite.

(*A **pelisse** is an ankle-length jacket.)

Vocabulary Questions:

1. Find and copy **one phrase or group of words** that suggests the governess dislikes Bonnie.

2. *'No indulgence should be permitted to a child who has behaved as she has done.'*
In this sentence, the word **indulgence** is closest in meaning to...

Circle **one**:

punishment

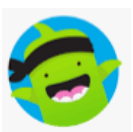
kindness

praise

3. *'Oh, Papa,' said Bonnie, who had been plucking at his sleeve...* Can you think of three synonyms that could replace the word 'plucking'?

4. **Find and copy** the phrase which states how Bonnie leaves the room after she has said goodbye to her parents.

The correct answers will be posted at the end of the day on ClassDojo – don't forget to check!



Writing – Inspired in Lockdown

Please write the date and the title into your lined activity book

Today's Task:

1. Write a paragraph about Lockdown Inspiration – it could be about someone who has inspired you, something you have done or something that you would like to do. Use the questions to help you.

- Who has inspired you in lockdown?
- What did they do?
- Why did it inspire you?
- What have you done that you are proud about?
- What would you still like to do?

2. Share your paragraph on Dojo.



3. Put some of your inspiration ideas into action!

4-a-Day Arithmetic Practice

1 $450 \div 100 =$

2 $11,832 + 19,873 =$

3 $175 \times 6 =$

4 $874 + 7 =$

Watch: <https://vimeo.com/418156588>

Worked example:

	6	.		
	0	.	6	

$\div 10$ →

	6	.		
	0	.	0	6



Complete questions 1-5.

Divide by 10, 100 and 1,000

1 Complete the division sentences.

Th	H	T	O
		6	0

$60 \div 10 = \square$

Th	H	T	O
	4	9	0

$490 \div 10 = \square$

Th	H	T	O
1	4	9	0

$1,490 \div 10 = \square$

d) What happens to the digits when you divide a number by 10?

2 Complete the division sentences.

a) $90 \div 10 = \square$ e) $32,390 \div 10 = \square$

b) $750 \div 10 = \square$ f) $6,200 \div 10 = \square$

c) $820 \div 10 = \square$ g) $700 \div 10 = \square$

d) $\square = 1,460 \div 10$ h) $92,000 \div 10 = \square$

3 Complete the divisions.

a)

HTh	TTh	Th	H	T	O
			9	0	0

$900 \div 100 = \square$

b)

HTh	TTh	Th	H	T	O
	1	6	0	0	0

$16,000 \div 100 = \square$

c)

HTh	TTh	Th	H	T	O
		9	0	0	0

$9,000 \div 1,000 = \square$

d)

HTh	TTh	Th	H	T	O
7	6	8	0	0	0

$768,000 \div 1,000 = \square$

4 Explain to a partner how to divide a number by 100

Ask them to explain to you how to divide a number by 1,000

5 Complete the division sentences.

a) $4,500 \div 10 = \square$ c) $\square \div 10 = 76$

b) $62,000 \div 10 = \square$ d) $\square \div 100 = 76$

$739,300 \div 10 = \square$ $\square \div 1,000 = 76$

$4,500 \div 100 = \square$ $\square \div 1,000 = 30$

$62,000 \div 100 = \square$ $\square \div 1,000 = 300$

$739,300 \div 100 = \square$ $\square \div 1,000 = 3,000$

RE- What matters to Jewish people?

Follow: www.bbc.co.uk/bitesize/topics/znwhfg8/articles/zh77vk7



1. On the web page there is a labelling quiz. Try the quiz out. Can you label the items correctly?

Extension: Make a labelling quiz about Judaism for someone in your family to complete. Draw 4 items you have learnt about from this webpage. Write the correct names in the smaller boxes. Ask someone to draw the links between them. Can they get them right?

2. Read through the webpage. You will see a sign that says 'TAKE THE QUIZ!'. Try it out and see how many of the 5 quiz questions you can get right.

Extension: Write another quiz question about Judaism in the space below. Give 4 possible answers. One needs to be correct and the others need to be wrong. Who will you ask the question to?

3. You have learnt lots about Jewish people while you have been doing this work. Choose 2 things that you think are really important to Jewish people and draw and write about why you think they are important.

Friday

Reading – The Wolves of Willoughby Chase – Extract 2: Inference questions

Writing - Editing

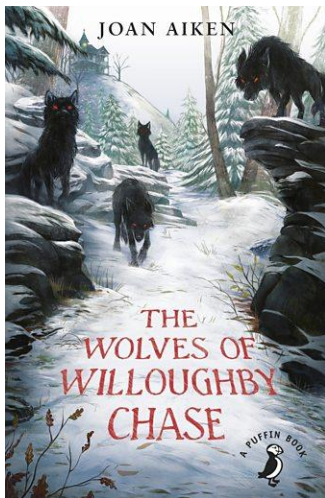
Maths – Divide by 10, 100, 1000

Computing – Code Breakers

Friday 10th July

Reading

Watch musician and TV presenter Yolanda Brown read extract 2 from *The Wolves of Willoughby Chase* by scanning the QR code or read the extract below.



Extract 2

‘That’s all right,’ said Sir Willoughby heartily. ‘Mustn’t let Miss Sylvia die of cold on the train. Besides, the wolves might get you, and then the poor child would be held up on the train all night for want of the signal. Never do, eh? Well, Bonnie, what is it, miss?’

‘Oh, Papa,’ said Bonnie, who had been plucking at his sleeve, ‘may I go with Solly in the chaise to meet Sylvia? May I?’

‘No indulgence should be permitted a child who has behaved as she has done,’ remarked Miss Slighcarp. ‘Oh, come, come, Miss Slighcarp, come, come, ma’am,’ said Sir Willoughby good-naturedly. ‘Young blood, you know. Besides, my Bonnie’s as good a shot at a wolf as any of them. Run along, then, miss, but wrap up snug – remember you’ll be several hours on the road.’

‘Oh, thank you, Papa! Goodbye! Goodbye, Mamma dear, goodbye, Miss Slighcarp!’ and she fondly kissed her parents and ran from the room to find her warmest bonnet and pelisse.*

‘Reckless, foolish indulgence,’ muttered the governess, directing after Bonnie a look of the purest spite.

(*A pelisse is an ankle-length jacket.)

Inference Questions:

1. **What impression do you get of the relationship between Sir Willoughby and his daughter Bonnie?**

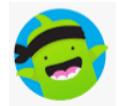
2. How does Miss Slighcarp feel about Willoughby's decision to let his daughter go to meet Sylvia?

Quote from the text in your answer:

3. Does Bonnie's father think she'll be in any danger?

Quote from the text in your answer:

Share your answers with us on ClassDojo – we will be posting them at the end of the day!



Writing – Editing

Please write the date and the title into your lined activity book



Today's Task:

1. Read through the examples of good work posted on Dojo.
2. Edit your paragraph using a different coloured pen.
3. Include some adverbs of possibility.

4-a-Day Arithmetic Practice

1 $53 + 46 =$

2 $312 \div 6 =$

3 $70 - 9 =$

4 $32,764 - 21,863 =$

Follow the link to re-watch the explanation video: <https://vimeo.com/418156588>

Worked example:

	6	.			
	0	.	6		

$\div 10$ →

	6	.			
	0	.	0	6	



Complete questions 6-10.

6 Complete the table.

Number	Number divided by 10	Number divided by 100	Number divided by 1,000
65,000			
	7,200		
		3,500	

7 Write $>$, $<$ or $=$ to make the statements true.

- a) $4,900 \div 10$ $4,900 \div 100$
- b) $56,000 \div 100$ $65,000 \div 100$
- c) $93,000 \div 1,000$ $9,300 \div 100$
- d) $5,700 \div 100$ $5,700 \div 1,000$

8 Complete the sentences.

a) Dividing a number by 10 and then by 10 again is the same as

b) Dividing a number by 1,000 is the same as dividing by 10

and then _____

Compare answers with a partner.

9 In 2019, 568,000 houses were built.

In 2018, 10 times fewer houses were built.
In 2017, 100 times fewer houses were built.

- a) How many houses were built in 2018?
 houses
- b) How many houses were built in 2017?
 houses
- c) How many houses were built between 2017 and 2019?
 houses

10 Alex is thinking of a number.

She divides it by 100

The answer has one more in the hundreds column than in the tens column.

The total of the digits is 15

What could the number be?

How many different answers can you find?



Computing- Code Breakers

In this activity, you will become code breakers by solving a series of codes related to the first verse of a poem by Roald Dahl.

Learning Skills:

Logical Reasoning – Logical reasoning helps us explain why something happens. Logic is used throughout the activity as you use your existing knowledge of spelling rules and rhyme from the information you are given (the letters) to work out the code.

Decomposition – Decomposition is the process of breaking down a task into smaller, more-manageable parts. It has many advantages. It helps us manage large projects and makes the process of solving a complex problem less daunting and much easier to take on.

Perseverance – Persevering is being determined, resilient, tenacious – never giving up. Persevering is an important skill throughout this activity as you need to keep going despite the fact that you may find some of the codes tricky.

Code breakers activity worksheet

You might like this to help you fill in the gaps on the cipher key

A	B	C	D	E	F	G	H	I	J	K	L	M
	2			5							12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
		16						22				26

