



Year 4 Home Booklet 6

Monday

<p>Spelling</p>	<p>Discuss the meaning of each of your spelling words with someone then write your words out <i>three times</i>.</p> <table border="1" data-bbox="411 369 1439 907"> <tr> <td colspan="4" data-bbox="411 369 1439 459"> <p>The digraph /e/ making the sound "eh" as in garden.</p> </td> </tr> <tr> <td data-bbox="411 459 699 907"> <p>Rainbow The digraph /wr/ making the sound "r" as in wrist. wrist wrong write wrap wrote</p> </td> <td data-bbox="699 459 949 907"> <p>Red garden seven heaven eleven level</p> </td> <td data-bbox="949 459 1209 907"> <p>Orange shovel swivel tinsel moment ticket</p> </td> <td data-bbox="1209 459 1439 907"> <p>Green wanted movement disgusted equipment destroyed</p> </td> </tr> </table>	<p>The digraph /e/ making the sound "eh" as in garden.</p>				<p>Rainbow The digraph /wr/ making the sound "r" as in wrist. wrist wrong write wrap wrote</p>	<p>Red garden seven heaven eleven level</p>	<p>Orange shovel swivel tinsel moment ticket</p>	<p>Green wanted movement disgusted equipment destroyed</p>
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<p>Writing</p>	<p>Write a sizzling start and backfill based on the following picture:</p>  <div data-bbox="845 996 1460 1198"> <p>A sizzling start should be 1-2 sentences long and hook your reader in straight away it may be a:</p> <p>sound hook rhetorical question action hook</p> </div> <div data-bbox="845 1232 1460 1480"> <p>Backfill is where we 'go back' and orientate our reader, it includes the:</p> <p>who when where what</p> </div>								
<p>Reading</p>	<p>Read for 20 minutes.</p>								
<p>Sentence of the Day</p>	<p>Verbs are words that tell what is happening or what is. For example: The dog <u>barked</u> at the postman. Phillip <u>was</u> happy. Write a statement using each verb:</p> <ul style="list-style-type: none"> • built • noticed 								
<p>Comprehension</p>	<p>Watch a video on Youtube about a famous person (sports person, actor, chef, etc) of your choice. Write down 5 interesting facts about the person of your choice.</p>								

<p>Maths activity</p>	<p>Split strategy.</p> <p>Using cards flip 2, 3, 4 or 5 cards and write down the largest number. e.g. 6543 Using the same cards write down the smallest number. e.g. 3456 You should come up with 6543 + 3456 = Using the split strategy work out the answer to your sum.</p>
	<p>6000 + 3000 = 9000 500 + 400 = 900 50 + 40 = 90 3 + 6 = <u>9</u> 6543 + 3456 = 9999</p>
<p>Maths Problem Solving</p>	<div data-bbox="400 656 1410 943" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;"> <p>9 Clark had 24 dinosaurs in his dinosaur collection. A week later he had 47 dinosaurs. How many dinosaurs did Clark collect during the week?</p> <input data-bbox="485 853 652 909" type="text"/> </div> <hr/> <div data-bbox="373 994 1198 1720" style="border: 1px solid #ccc; padding: 10px;"> <p>22 Jacob uses balls and sticks to make a model of a square pyramid. Each stick is the same length.</p>  <p>He decides to change his pyramid into a cube. How many more balls and sticks will he need to make the cube?</p> <p><input data-bbox="458 1536 639 1597" type="text"/> more balls</p> <p><input data-bbox="458 1653 639 1713" type="text"/> more sticks</p> </div>

Maths: Answer the questions from the worksheet in your workbook.

UNIT 12 Counting patterns

1 Continue these counting patterns.

a

3	6	9			
8	16	24			
15	30	45			
17	20	23			
10	14	18			

b

8	16	24			
15	30	45			
17	20	23			
10	14	18			

c

15	30	45			
17	20	23			
10	14	18			

d

17	20	23			
10	14	18			

e

10	14	18			
----	----	----	--	--	--

f

0	6	12			
23	27	31			
42	47	52			
56	50	44			
60	56	52			

g

23	27	31			
42	47	52			
56	50	44			
60	56	52			

h

42	47	52			
56	50	44			
60	56	52			

i

56	50	44			
60	56	52			

j

60	56	52			
----	----	----	--	--	--

2 Explain what has happened in the sequences.

a 2, 4, 6, 8, 10

b 43, 40, 37, 34

c 13, 17, 21, 25

d 27, 33, 39, 45

e 4, 8, 16, 32

f 80, 40, 20, 10

3 Follow the rules to complete the number patterns.

Add 7

a

1	2	3	4	5	6	7	8
8	9	10					

Add 6

b

1	2	3	4	5	6	7	8

Add 8

c

2	4	6	8	10	12	14	16

Take away 5

d

10	12	14	16	18	20	22	24

Multiply by 5

e


1	3	5	7	9	11	13	15

Divide by 5

f

5	10	15	20	25	30	35	40

30, 39, 48, 57.
That's counting by 9.

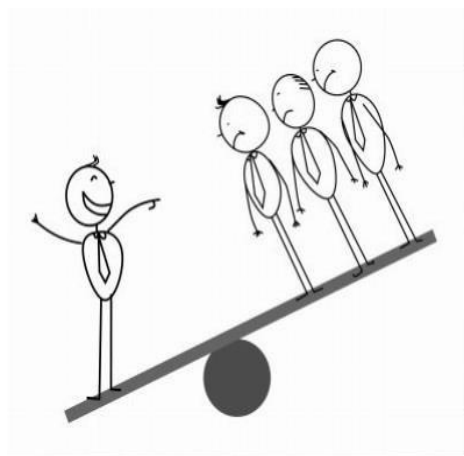


Other


Choose 1
Do some cooking with an adult at home.
Or
Help with the washing and folding.

Weekly Science Project

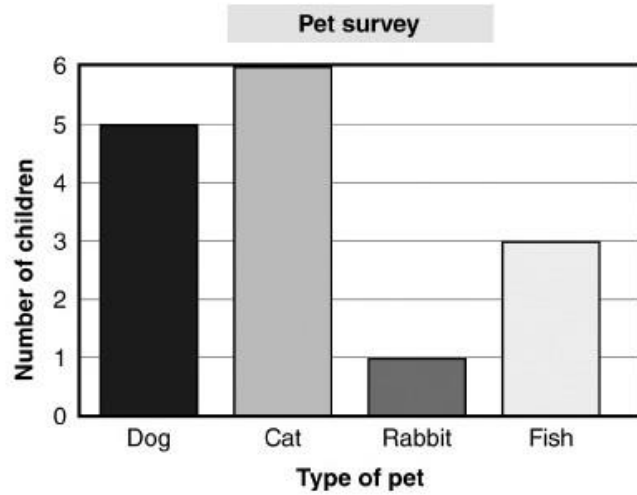
Design and make a balance arm and investigate the weight of items.
What did you learn? What items were the heaviest? How did you make it balance?
Record your observations in your book.



Tuesday

Spelling	Write your spelling words and record the <i>syllables</i> and <i>sounds</i> in each of your words.
Writing	<p>Reread your sizzling start and backfill from yesterday. Today we are going to add the problems in your story. To make your problems interesting for a reader we are going to add <i>three problems that get bigger and bigger and bigger</i>. Can you brainstorm ideas for your pebble, rock and boulder? Once you've picked your problems add them to your writing from yesterday.</p> 
Reading	Read for 20 minutes
Sentence of the Day.	<p>Verbs are words that tell what is happening or what is. For example: The dog <u>barked</u> at the postman. Phillip <u>was</u> happy. Write a statement using each verb:</p> <ul style="list-style-type: none">• strolled• laughed
Comprehension	<p>Using a text of your choice, write a word or phrase from the text for each letter of the alphabet. eg. a = amazing , h= helicopter s= snake</p>
Maths activity	<p>Create a 2 or 3 digit number and divide that number by a one digit number to make a division sentence (e.g. $20 \div 3 =$). Do this 10 times and write the sentence and answer in your book. Remember you won't always have a whole answer, there will be left overs. Make sure you record the left over too.</p> <p>Example: $20 \div 3 = 6r2$ ($3 \times 6 = 18$ with 2 remaining)</p>

- 13 Mr Miller asked his class a question.
He made this graph to show the data.



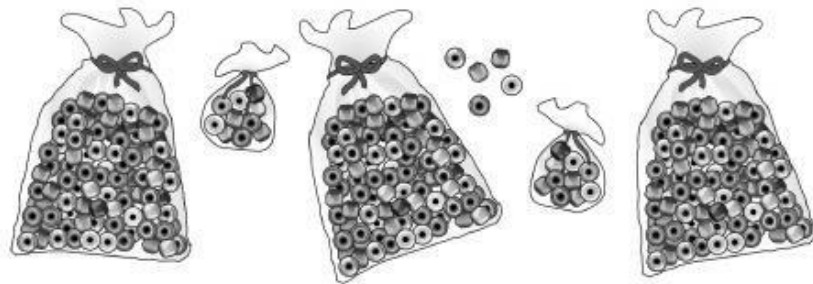
Which question could Mr Miller have asked?

- How old is your pet?
- How many pets do you have?
- What type of pets do you have?
- What is your pet's favourite number?

- 20 A shop sells beads only as:

- bags of 100 beads
- bags of 10 beads
- single beads.

Leah buys these beads from the shop.



How many beads does Leah buy?

Maths: Answer the questions from the worksheet in your workbook.

UNIT 12

Counting patterns

1 Continue these counting patterns.

a	3	6	9			
b	8	16	24			
c	15	30	45			
d	17	20	23			
e	10	14	18			

f	0	6	12			
g	23	27	31			
h	42	47	52			
i	56	50	44			
j	60	56	52			

2 Explain what has happened in the sequences.

a	2, 4, 6, 8, 10	
b	43, 40, 37, 34	
c	13, 17, 21, 25	
d	27, 33, 39, 45	
e	4, 8, 16, 32	
f	80, 40, 20, 10	

30, 39, 48, 57.
That's counting by 9.



3 Follow the rules to complete the number patterns.

Add 7

a	1	2	3	4	5	6	7	8		
	8	9	10							

Add 6

b	1	2	3	4	5	6	7	8		

Add 8

c	2	4	6	8	10	12	14	16		

Take away 5

d	10	12	14	16	18	20	22	24		

Multiply by 5

e	1	3	5	7	9	11	13	15		

Divide by 5

f	5	10	15	20	25	30	35	40		


Other

Choose 1

Tallest tower competition. How tall can you build a tower at home? Be creative in what you use, make sure you do it safely. Take a photo and send it into your teacher. Or

Help in the yard by pulling out some weeds and tiding around the house.

Wednesday

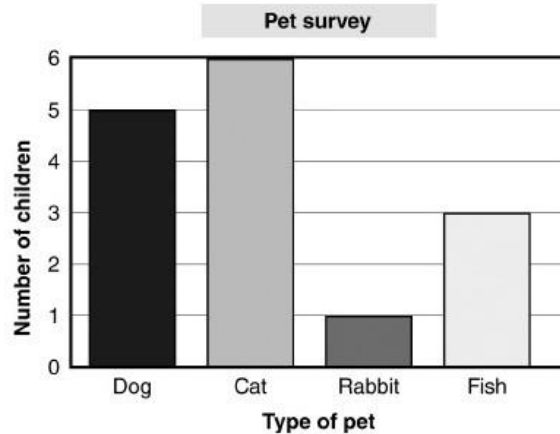
Spelling	Write all of your words in sentences .
Writing	<p>Write an exciting ending for your story from this week. An ending should wrap up your story with an action ending and a character resolution.</p> 
Reading	Read for 20 minutes.
Sentence of the Day	<p>Verbs are words that tell what is happening or what is. For example: The dog <u>barked</u> at the postman. Phillip <u>was</u> happy. Write a statement using each verb:</p> <ul style="list-style-type: none">• slept• wrote
Comprehension	<p>Ask a parent / Grandparent questions to find out 4 things you didn't know about them, and record their responses.</p> <p>Questions might include ; What was the name of the school they went to? What was their maiden name before they were married ? What sorts of presents did they get on their birthdays or at Christmas? What things did they like to do for fun when they were children?</p>
Maths activity	<p>Split strategy.</p> <p>Using cards flip 2, 3, 4 or 5 cards and write down the largest number. e.g. 6543 Using the same cards write down the smallest number. e.g. 3456 You should come up with 6543 + 3456 = Using the split strategy work out the answer to your sum.</p> $\begin{array}{r} 6000 + 3000 = 9000 \\ 500 + 400 = 900 \\ 50 + 40 = 90 \\ 3 + 6 = \underline{\quad 9} \\ 6543 + 3456 = 9999 \end{array}$
Maths Problem Solving	

- 16 Ethan writes down how many birds visit two birdbaths and what they do.

	Birdbath A	Birdbath B
Drink	15	28
Splash	9	17

How many birds drink from Birdbath B?

- 13 Mr Miller asked his class a question.
He made this graph to show the data.



Which question could Mr Miller have asked?

- How old is your pet?
- How many pets do you have?
- What type of pets do you have?
- What is your pet's favourite number?

Maths:

Answer the questions from the worksheet in your workbook.

Diagnosis

PART 1

a Expand the numbers by writing them in the place value grid.

Number	Thou	Hund	Tens	Ones
4326				
5279				
6380				
4206				
1702				

b Write the number two thousand three hundred and twenty-six.
□

c Order the numbers from smallest to largest.
1357 7537 3571 □ □ □

Round each number to 100.

d 231 = _____ g 259 = _____
e 397 = _____ h 345 = _____
f 401 = _____ i 850 = _____

PART 2

Solve the additions and subtractions.

a

Tens	Ones
3	4
+	6 5

 b

Tens	Ones
3	4
+	1 6

 c

Hun	Tens	Ones
2	4	8
+	4	3 5

d


Tens	Ones
8	8
-	5 3

 e



Tens	Ones
8	4
-	1 6

 f

Hun	Tens	Ones
6	4	2
-	3	3 5

Other	<p>Choose 1 What would your Ideal Classroom look like? Draw/plan/Describe out your room.</p>  <p>you might like to draw it like your looking down at it. Or Tidy your room and vacuum the floor.</p>
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Thursday

Spelling	<p>Rainbow write your spelling words (write each word in different colours of the rainbow.)</p>
Writing	  <p>Write a descriptive sentence based on this picture, remember to include your five senses (<i>see, hear, taste, touch, feel</i>) to make your writing paint a picture.</p>
Reading	<p>Read for 20 minutes.</p>
Sentence of the Day	<p>Verbs are words that tell what is happening or what is. For example: The dog <u>barked</u> at the postman. Phillip <u>was</u> happy. Write a statement using each verb:</p> <ul style="list-style-type: none"> • watched • listened
Comprehension	<p>Watch a TV show/ movie of your choice. Brainstorm and identify the sizzling start, the pebble, rock, and boulder, and the exciting ending. Write these in your book.</p>

Maths activity

Create a 2 or 3 digit number and divide that number by a one digit number to make a division sentence (e.g. $20 \div 3 = 6r2$). Do this 10 times and write the sentence and answer in your book. Remember you won't always have a whole answer, there will be left overs. Make sure you record the left over too.

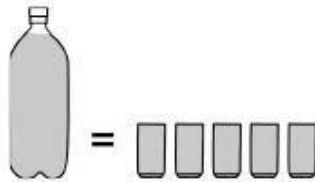
Example: $20 \div 3 = 6r2$ ($3 \times 6 = 18$ with 2 remaining)

Maths Problem Solving

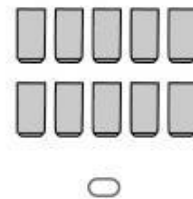
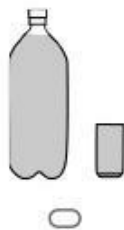
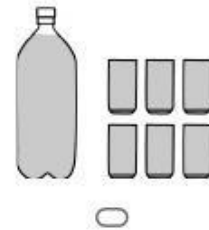
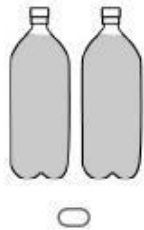
38 Omar stacks two boxes of different heights. The total height of the stack is 1.5 metres. The height of the taller box is twice that of the shorter box. What is the height of the **shorter** box in centimetres?

centimetres

27 This bottle holds 5 glasses of water.



Which of the following holds the most water?



Maths: Answer the questions from the worksheet in your workbook.

PART 3

Complete the counting patterns.

- a

7	10	13	16				
---	----	----	----	--	--	--	--
- b

40	45	50	55				
----	----	----	----	--	--	--	--
- c

121	125	129	133				
-----	-----	-----	-----	--	--	--	--

PART 4

Complete the table facts.

- a

	3	5	4	2	6	9	7
$\times 4$							
- b

	2	4	5	3	7	6	8
$\times 6$							
- c

	3	5	4	8	6	7	9
$\times 7$							

PART 5

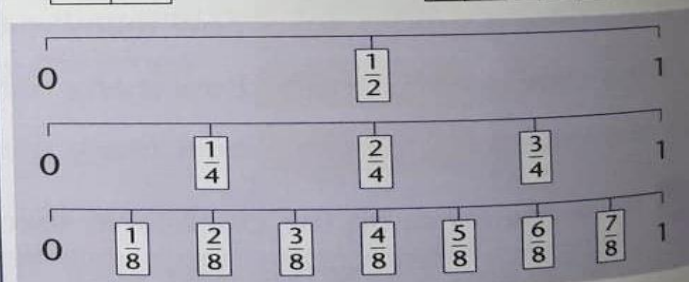
Shade the given fraction.

- a

 $\frac{1}{4}$
- b

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 $\frac{3}{5}$




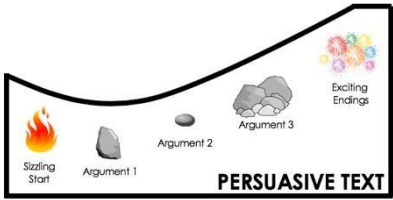
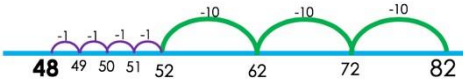
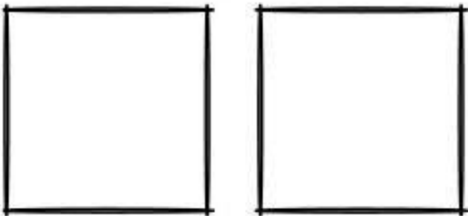
Use the number lines to answer true or false.

- c $\frac{1}{8}$ is smaller than $\frac{1}{2}$. _____
- d $\frac{1}{4}$ is equal to $\frac{2}{8}$. _____
- e $\frac{3}{4}$ is smaller than $\frac{5}{8}$. _____
- f $\frac{4}{8}$ is greater than $\frac{1}{2}$. _____
- g How many eighths in 1 whole? _____

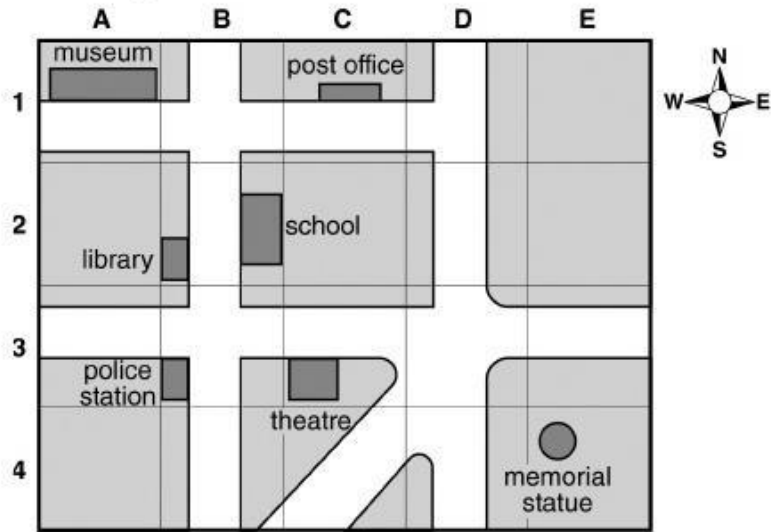
Other

Choose 1
Listen to some music and relax
Or
Draw a portrait picture of someone in your home. It could be Mum, Dad or even your dog.

Friday

<p>Spelling</p>	<p>Get someone to test you on your spelling words or do a look cover write check with them.</p>
<p>Writing</p>	<p>Can you write a letter to persuade Mr Hughes why you think recess should be longer. Write a persuasive text to him your reasons why.</p>  
<p>Reading</p>	<p>Read for 20 minutes</p>
<p>Sentence of the Day</p>	<p>Verbs are words that tell what is happening or what is. For example: The dog <u>barked</u> at the postman. Phillip <u>was</u> happy. Write a statement using each verb:</p> <ul style="list-style-type: none"> • played • ate
<p>Maths activity</p>	<p>Roll a dice and double the number you get. (20 times.) OR Write all of your friends of 10 or friends of 20. (numbers that add together to make 10) OR Think of two 2-digit numbers (28 + 32) add them together using jump strategy. Think of two 2-digit numbers (64 - 23) subtract them using jump strategy. Challenge yourself by trying out larger numbers!</p> <p style="text-align: right;">$82 - 34 =$</p> 
<p>Maths Problem Solving</p>	<p>28 Lara has 74 toothpicks. She uses 8 toothpicks to make two small squares.</p>  <p>What is the largest number of small squares like this that Lara can make with her 74 toothpicks?</p>

18 On the map below, in which direction is the memorial statue from the museum?



- north
- north-west
- north-east
- south
- south-west
- south-east

Maths:
Answer the questions from the worksheet in your workbook.

Snakes and ladders

Investigation 10

The board game below is missing its snakes and ladders.

Task 1:
Add at least 5 snakes and 3 ladders to the game board. Make sure there is an equal chance of going forwards as backwards.

Snakes and Ladders—special edition created by

64	63	62	61	60 <i>Go back 3 spots</i>	59	58	57
49	50	51	52	53	54	55	56
48	47	46	45	44	43 <i>Have an extra throw</i>	42	41
33	34	35	36	37	38	39	40
32 <i>Jump ahead 5 spots</i>	31	30	29	28	27	26	25
17	18	19	20	21	22	23	24
16	15	14	13	12	11	10 <i>Miss a turn</i>	9
1	2	3	4	5	6	7	8

Task 2:
Write in where you placed your snakes and ladders and why.

Investigation 10 159

Other

Choose 1

Go outside and kick or throw a ball. Play on the trampoline Or go for a walk with a grown up.

Practise your throwing and catching with someone outside. How many times can you clap while the ball is in the air?

PDHPE: Play a game of Hopscotch or "FLY" at home in the yard.

