


Year 4 Home Booklet 16

Monday

<p>Spelling</p>	<p>The graph /r/as in rain. The digraph /rr/as in cherry. The digraph /wr/ as in wrist</p> <table border="1" data-bbox="280 342 1425 719"> <thead> <tr> <th data-bbox="280 342 719 416">Rainbow</th> <th data-bbox="719 342 928 416">Red</th> <th data-bbox="928 342 1137 416">Orange</th> <th data-bbox="1137 342 1425 416">Green</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 416 719 719"> <p>The graph /u/ making the sound 'u' like in 'bus'.</p> <p>must shut luck funny puppy</p> </td> <td data-bbox="719 416 928 719"> <p>remember reason sorry correct write</p> </td> <td data-bbox="928 416 1137 719"> <p>across February wrote worry written</p> </td> <td data-bbox="1137 416 1425 719"> <p>tomorrow probably correspondence preferred correlation</p> </td> </tr> </tbody> </table>	Rainbow	Red	Orange	Green	<p>The graph /u/ making the sound 'u' like in 'bus'.</p> <p>must shut luck funny puppy</p>	<p>remember reason sorry correct write</p>	<p>across February wrote worry written</p>	<p>tomorrow probably correspondence preferred correlation</p>
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<p>Writing</p>	<div data-bbox="296 757 1485 1563" style="border: 2px solid pink; padding: 10px;"> <p>INFORMATION REPORT WRITING Sulphur-Crested Cockatoo</p>  <div style="display: flex; justify-content: space-between;"> <div data-bbox="331 1126 826 1267" style="border: 1px solid pink; padding: 5px;"> <p><u>Classification</u></p> <ul style="list-style-type: none"> • Parrot • Live between 20-40 years </div> <div data-bbox="847 835 1465 976" style="border: 1px solid pink; padding: 5px;"> <p><u>Habitat</u></p> <ul style="list-style-type: none"> • Trees • Northern and eastern mainland Australia and Tasmania </div> </div> <div data-bbox="847 987 1465 1211" style="border: 1px solid pink; padding: 5px;"> <p><u>Appearance</u></p> <ul style="list-style-type: none"> • 44-55cm tall • White feathers • Yellow crest • Large, black bill • Sharp claws </div> <div data-bbox="331 1290 826 1473" style="border: 1px solid pink; padding: 5px;"> <p><u>Diet</u></p> <ul style="list-style-type: none"> • Berries, seeds, nuts and roots </div> <div data-bbox="847 1234 1465 1547" style="border: 1px solid pink; padding: 5px;"> <p><u>Lifestyle</u></p> <ul style="list-style-type: none"> • Social animals • Live in flocks • When feeding as a flock, some will remain in the trees to lookout for danger • Do not migrate, stay in the same area all year • Female birds lay 2-3 eggs • Young cockatoos leave their nest after 6-10 weeks </div> </div> <p>Using the information provided in the fact card. Write a sizzling start based on the following structure of a Sulphur-Crested Cockatoo. A sizzling start should be 1-2 sentences long and hook your reader in straight away it may be a:</p> <ul style="list-style-type: none"> • sound hook using a rhetorical question • action hook • painting a word picture <p style="text-align: center;">Remember you're writing an informative text not a narrative (story).</p>								
<p>Reading</p>	<p>Read for 20 minutes.</p>								

Sentence of the Day

Use adverbs to describe the underlined verb in these sentences so that they are more interesting. Some examples of adverbs: quickly, happily, loudly, cheerfully

- The boy read the question. (Tell how he read)

Comprehension

When you make your puppet in today's 'other' section, write down the instructions so someone else can make it. If you want to, you can include drawings to help the reader understand what they need to do!


Maths activity

- six hundred and fifty-four thousand, six hundred and nine
- two hundred and seventy thousand, nine hundred and one
- eight hundred and eleven thousand, four hundred and twenty-one.

Thousand			Unit		
h	t	o	h	t	o

Maths Problem Solving

Mum gave me \$30 to go to the cinema. The movie ticket is \$14.00, popcorn is \$5.00 and a soft drink is \$8.00. How much change will I get back?



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

UNIT 18

Patterns on a hundreds chart

4 Complete the grid below and then shade this pattern on the hundreds chart. Start at 2 then continue to add 11.

2	13	24							
---	----	----	--	--	--	--	--	--	--

5 Complete the table to record the 11 times table. Circle the answers on the same chart.

1	2	3	4	5	6	7	8	9
11	22							

6 Why would it be easy to spot a mistake in the 11 times table on the chart?

7 Explain the shaded pattern on the chart opposite.

8 Circle this pattern on the same chart. Start at 5, then add 3, then continue to add 5 and then 3 until you run out of space.

9 Draw a line to match the rule to the pattern.

a Adding 13	<table border="1"><tr><td>27</td><td>36</td><td>45</td><td>54</td><td>63</td><td>72</td><td>81</td><td>90</td></tr></table>	27	36	45	54	63	72	81	90
27	36	45	54	63	72	81	90		
b Subtracting 7	<table border="1"><tr><td>7</td><td>20</td><td>33</td><td>46</td><td>59</td><td>72</td><td>85</td><td>98</td></tr></table>	7	20	33	46	59	72	85	98
7	20	33	46	59	72	85	98		
c Doubling	<table border="1"><tr><td>1</td><td>2</td><td>4</td><td>8</td><td>16</td><td>32</td><td>64</td><td>128</td></tr></table>	1	2	4	8	16	32	64	128
1	2	4	8	16	32	64	128		
d Adding 9	<table border="1"><tr><td>99</td><td>92</td><td>85</td><td>78</td><td>71</td><td>64</td><td>57</td><td>50</td></tr></table>	99	92	85	78	71	64	57	50
99	92	85	78	71	64	57	50		

Other

Make some stick/sock/wooden spoon puppet characters. You will need them for a play you will be creating. Here are some ideas for you:



Or

Help with the washing and folding.

Or

PDHPE: Try 3 rounds of these exercises:

- 10 star jumps
- 10 seconds run on the spot
- 10 sit-ups
- 10 seconds balance on right leg
- 10 seconds balance on left leg

Tuesday

Spelling

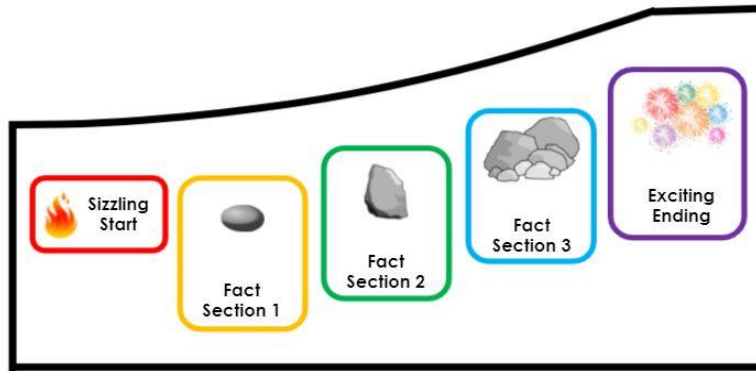
Write your spelling words and record the **syllables** and **sounds** in each of your words

Writing

Reread your sizzling start from yesterday. Today we are going to add **three facts** to your informative text. **Fact 1** (pebble), **Fact 2** (rock) and **Fact 3** (boulder). All the facts are presented in the fact card of the Sulphur-Crested Cockatoo. **Fact 1 can be about Habitat, Fact 2 about Appearance and Fact 3 about Lifestyle.** Fact 1, 2 and 3 should follow the sequence of a sizzling start..... and include techniques of **Tightening Tension.**

Tightening Tension Techniques:

TECHNIQUE	EFFECT	EXAMPLE
Paint a word picture	Painting a word picture using all of the senses makes the reader feel like they are present in the moment.	<i>Flying a glider is completely different to flying a plane. It's cold up there in the crisp, blue sky. There is hardly any sound - no engine noise, only the whistle of air over the wingtips.</i>
Short, sharp sentences	Using short, sharp sentences gives a sense of haste or urgency.	<i>There's movement in the reef below. Sharks. Lots of sharks.</i>
Opposition and contrast	Using contrasting images, words, pace or points of view adds drama.	<i>Right there in the heart of the bustling metropolis is a small slice of tranquillity. Stepping out of the relentless stream of pedestrians in to Central Park feels like entering a different world.</i>




Example of a paragraph on Turtles Appearance:

Sizzling start

Fact

Tightening Tension

Have you ever wished you had a shield to carry around with you? Turtles have a hard shell called a carapace on their back. The carapace is covered in another layer of protection, hard scales called scutes. This protects them from their enemies. Some turtles can even retract their necks and heads and hide inside their shells if they are being attacked!

Reading	Read for 20 minutes
Sentence of the Day.	<p>Use adverbs to describe the underlined verb in these sentences so that they are more interesting.</p> <ul style="list-style-type: none"> The car <u>drove</u> along the road. (Tell how it <u>drove</u>)
Comprehension	Write down 8 true or false questions based on the information you have learnt about <i>Sulphur-Crested Cockatoos</i> . Use the fact card that is at the beginning of the booklet.
Maths activity	<p>Start with the number 3, 578</p> <ol style="list-style-type: none"> Write the number in word form Write it in expanded form Which digit is in the hundreds place? What is the VALUE of that number? Add 10 to that number Add 100 to that number Round the original number to the nearest thousand
Maths Problem Solving Questions	<p>2. Dad drives a truck. Last week he drove 250 kilometres on Monday and 145 kilometres on Tuesday. This week Dad drove 150 kilometres in total. What is the difference in kilometres between this week and last week?</p> 

Maths:

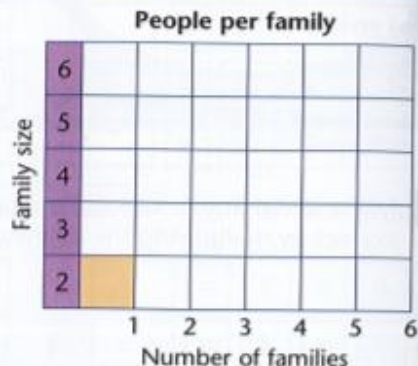
Answer the questions from the worksheet in your workbook.

The local council conducted a survey to find the size of a typical family.

Murray	Burns	Jones	North	Hooks	Otford	Quinn
5	2	6	3	4	6	4
Ryan	Salem	Stuart	Smith	Vidler	Walsh	Talko
5	3	4	4	4	6	3

7 Make a table of the number of families with 2, 3, 4, 5 or 6 family members.

Family size	2	3	4	5	6
Number of families	1				



8 Use the data you have gathered on your table to create a column graph that shows the number of families of 2, 3, 4, 5 or 6.

9 Conduct a survey of your own about the size of families in your school. Use the space below to record your data in a table.

10 Make statements about any patterns or trends you noticed in your data.

11 Who might make use of this kind of information? Why?

Other

Keep working on your puppets.

Plan: a machine that moves a small object from one side of a room to the other without you touching it.

Find: things around your house like a chair to start your machine from, for example, a tube from a lunch wrap to make a tunnel, some boxes to make a track.

Or

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

Or

PDHPE: Create an obstacle course in the backyard or family room using crates, cushions, small tables etc and time yourself completing the course. You can go over, under or around the objects.

Wednesday

Spelling

Write all of your words in *sentences*.

Writing

Today you're going to write an ending with impact for your informative text on a Sulphur-Crested Cockatoo. An ending should leave the reader feeling satisfied, inspired or keen to learn more. There are two techniques you can use when writing an ending with impact:

- **Call to action:** Make the reader do something. You can use a rhetorical question.
- **Make the reader think:** Use emotive language to make the reader feel something.

An example:

Call to action	Rhetorical question	<i>More than one hundred thousand Australian students took part in the Schools Strike 4 Climate Change. So, what can you do to help? Download the Climate Action Toolkit and start making an impact today.</i>
Make the reader think	Emotive language	<i>Although the Earth now has more trees than it did 35 years ago, this does not mean that deforestation is no longer a threat. Cutting down forests and replacing them with timber plantations has a devastating effect on biodiversity. The grim reality is that our efforts to repair the damage caused by deforestation are making the true extent of environmental harm less visible.</i>



Reading

Read for 20 minutes.

Sentence of the Day

Use adverbs to describe the underlined verb in these sentences so that they are more interesting.

- The lady walked to the shop. (Tell how she walked)

Comprehension

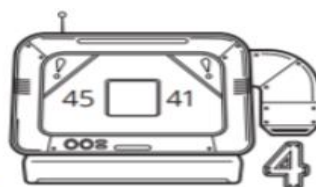
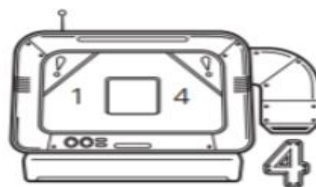
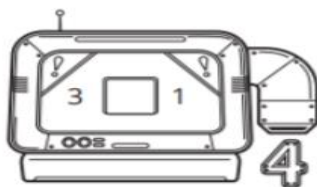
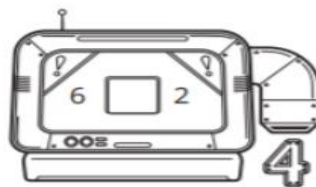
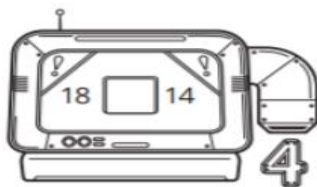
Read the information about the game 'Minecraft' and answer the questions at the end of the booklet.


Maths activity

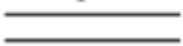
Operations for Four Maths Machine

Each of the maths machines either add, subtract, multiply or divide to get the answer four. Determine the operation (+, -, x, or ÷) of each machine, and write it in the box. (Tip: The ninth and last problems both have two possible answers.)

Example: $87 \square 83 = 4$



<p>Maths Problem Solving</p>	<p>There are 38 boxes of cereal on a shelf. How many boxes on 5 shelves?</p> 
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<p>Maths: Answer the Questions from the worksheet in your workbook.</p>	<ol style="list-style-type: none"> 1. Your father rides his bike 8 km in $\frac{1}{2}$ hour. How long will it take him to ride 16 km? <input type="text"/> 2. Is 31 exactly divisible by 15? <input type="text"/> 3. 85, 80, 75, <input type="text"/> 4. 8000 g = <input type="text"/> kg 5. What is the perimeter of a square with sides 5 cm? <input type="text"/> 6. In what position is the letter H in the English alphabet? <input type="text"/> 7. Write twelve point zero two in number as a numeral. <input type="text"/> 8. 75 mm = <input type="text"/> cm 9. $80 + 200 + 900 =$ <input type="text"/> 10. If tomorrow is Sunday, what day was yesterday? <input type="text"/> 11. If the time is 10:15 now, what will be the time 30 minutes later? <input type="text"/> 12. Write sixty thousand five hundred and forty nine in number. <input type="text"/> 13. What is the product of 16 and 4? <input type="text"/> 14. How many centimeters make up $3\frac{1}{2}$ meters? <ol style="list-style-type: none"> a. 305 cm <input type="text"/> b. 3500 cm <input type="text"/> c. 350 cm <input type="text"/> 15. Is 2 symmetrical? <input type="text"/> 16. Are these lines parallel? <input type="text"/>  17. Draw an arrow showing anti clock wise direction. <input type="text"/> 18. $0.1 > 1.0$ True <input type="text"/> False <input type="text"/> 19. Draw a horizontal line. <input type="text"/> 20. What is the date of extra day in leap year? <input type="text"/>
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<p>Geography</p>	<p><u>Climate and Weather</u></p> <p>Take a look outside your window. Is it hot and sunny? Is it cloudy and rainy? When you look out the window, you are seeing what the weather is like today. Weather is only temporary. For example, it could be raining today and tomorrow but then sunny and warm the following days.</p> <p>Climate on the other hand, is more than just a few warm or cool days. Climate describes the typical weather conditions in an entire region for a very long time-30 years of more.</p> <div style="border: 1px solid gray; border-radius: 15px; padding: 10px; margin: 10px 0;"> <p>Climate is like the personality of a place. A person's personality usually stays the same. There are many ways to describe a personality e.g. quiet, friendly, funny, clever.</p> </div> <p>How would you describe your personality? _____</p>
------------------	--

Just like there are different types of personality. There are different types of climate. The climate (personality) of Australia is split into zones.


 Tropical (hot and wet)

 Desert (hot and dry)


 Temperate (long warm summer and short, cool winter)

The climate of a place doesn't change but the weather can change daily.

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 Tropical (hot and wet)

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The climate of a place doesn't change but the weather can change daily.



8  Look at the climate zone map.

a Which climate zone do you live in?

b What is the weather like today?

Name two cities in each climate zone.

Climate Zone	City	City
Desert		
Temperate		
Tropical		

Name one natural feature you would expect to find in each climate type.

Tropical _____

Desert _____

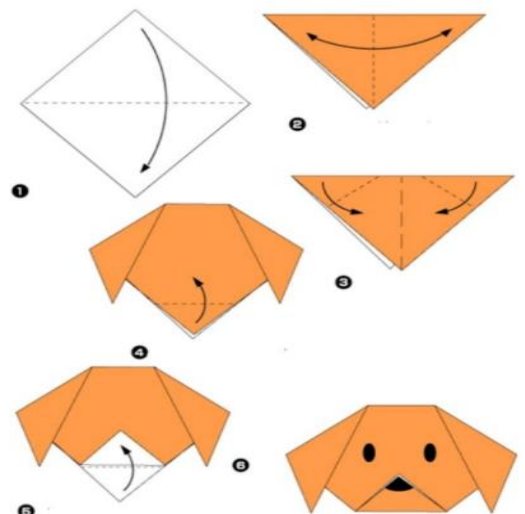
Temperate _____

Other

Tidy your room and vacuum the floor

OR

Create an origami dog and decorate it. Don't forget to post a picture of it to Seesaw. Hint: if using A4 paper, make it into a square first.



Thursday

Spelling *Rainbow write* your spelling words (write each word in different colours of the rainbow.)

Writing



Write a **descriptive paragraph** based on this picture, remember to include your five senses (**see, hear, taste, touch, feel**) to make your writing paint a picture. Before you write, brainstorm ideas for each sense and use the five senses word mat below to help you!

Hearing

listen **noise**

hear **sound**

loud quiet
high low
noisy shout
shrill yell
squeaky hush
creaky whisper
bang audible
boom inaudible
music singing
echo thud
audio

Sight

look **see**

notice **observe**

colours

green black blue white pink
orange yellow grey purple
brown red

transparent opaque
multicoloured translucent
shadows dark light reflection

Smell

stench **odour**

scent **aroma**

aromatic fragrant
fresh rancid
fruity rotten
musty sharp
pungent stagnant
putrid strong
sweet

Taste

eat **drink**

salty umami
minty sour tangy yucky
bland bitter
acidic spicy
sweet
mild tasty
hot rotten
peppery stale fruity
savoury sugary yummy delicious
flavourful scrumptious tasteless

Touch

feel

hard soft

rough smooth
flat bumpy
hot cold
warm cool
prickly spiky
woolly scaly
dry wet
bushy waxy
damp soaking
silky abrasive

Reading

Read for 20 minutes.

Sentence of the Day Use adverbs to describe the underlined verb in these sentences so that they are more interesting.


- The spider spun a web. (Tell how it spun its web)

Comprehension Write a paragraph about your favourite game you like to play. Make sure you include how you play it, why you play it and who you can play it with. Some examples you might like to write about could be: *Minecraft, Roblox, Uno, Guess Who, Scissors Paper Rock.*

Maths activity What happens when you add an odd number to an even number? Try this 5 times using different numbers, then explain what the rule might be.

Maths Problem Solving

8 friends bought 3 milkshakes each. Each milkshake cost \$5.50.



How much was the total bill? _____.

How much did each person spend? _____.

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

Year 4 - Money and Financial Mathematics - Questions

Name _____ Date _____

Money (B)

① Use rounding strategies to find the approximate totals.

a) $\$2.80 + \$4.95 + \$3.10 =$ _____

b) $\$8.20 + \$3.95 + \$2.20 =$ _____

c) $\$7.85 + \$6.60 + \$4.30 =$ _____

d) $\$5.50 + \$2.75 + \$3.15 =$ _____

② Use the spreadsheet below to answer the questions.

The Brown Family Budget

	A	B	C	D
1	Date	Item	Cost	Balance
2	May 1	Opening Balance	-	\$1000
3	May 5	Groceries	\$250	\$750
4	May 12	Electricity Bill	\$100	\$650
5	May 16	Petrol	\$80	\$570
6	May 20	Entertainment	\$90	\$
7	May 22	Insurance	\$120	\$
8	May 25	Phone Bill	\$75	\$
9			\$	\$

a) How much did the Brown family spend on groceries? _____

b) What was the total cost of their electricity and phone bills? _____

c) How much did the Brown family spend on entertainment? _____

d) On May 30, the Brown family spent \$100 on a birthday party. Add this to item 9 on the spreadsheet above.

e) Complete the balance column on The Brown Family Budget spreadsheet.

Science

When you are making something, it is important to think about the properties of different materials, so that you can choose the best ones for the job. Teapots are often made from clay because, when fired, clay becomes a hard, durable (long lasting) and heat-resistant material.

4 Look at the images below. What material is the product made from and why has this material been chosen for the purpose?

gumboots



Made from: _____

Why? _____

a window pane



Made from: _____

Why? _____

walls of this house



Made from: _____

Why? _____

a towel



Made from: _____

Why? _____

Other

Listen to some music and relax

Or

Create a new board or card game to play with someone at home. Can you film yourself explaining the rules and how you play.

Friday

Spelling

Get someone to test you on your spelling words or do a look cover write check with them.

Writing

Design a comic strip based on this picture. You may wish to do this in your workbook or booklet.



Make Your Own Comic Strip
ready to create your own comic strip? choose a character and send it on an adventure!

introduce character	introduce problem	attempt to solve
attempt to solve	solution	happy ending

Reading

Read for 20 minutes

Sentence of the Day

Use adverbs to describe the underlined verb in these sentences so that they are more interesting.

- The boy played his Nintendo. (Tell how he played his Nintendo)

MATHS MAZE ①

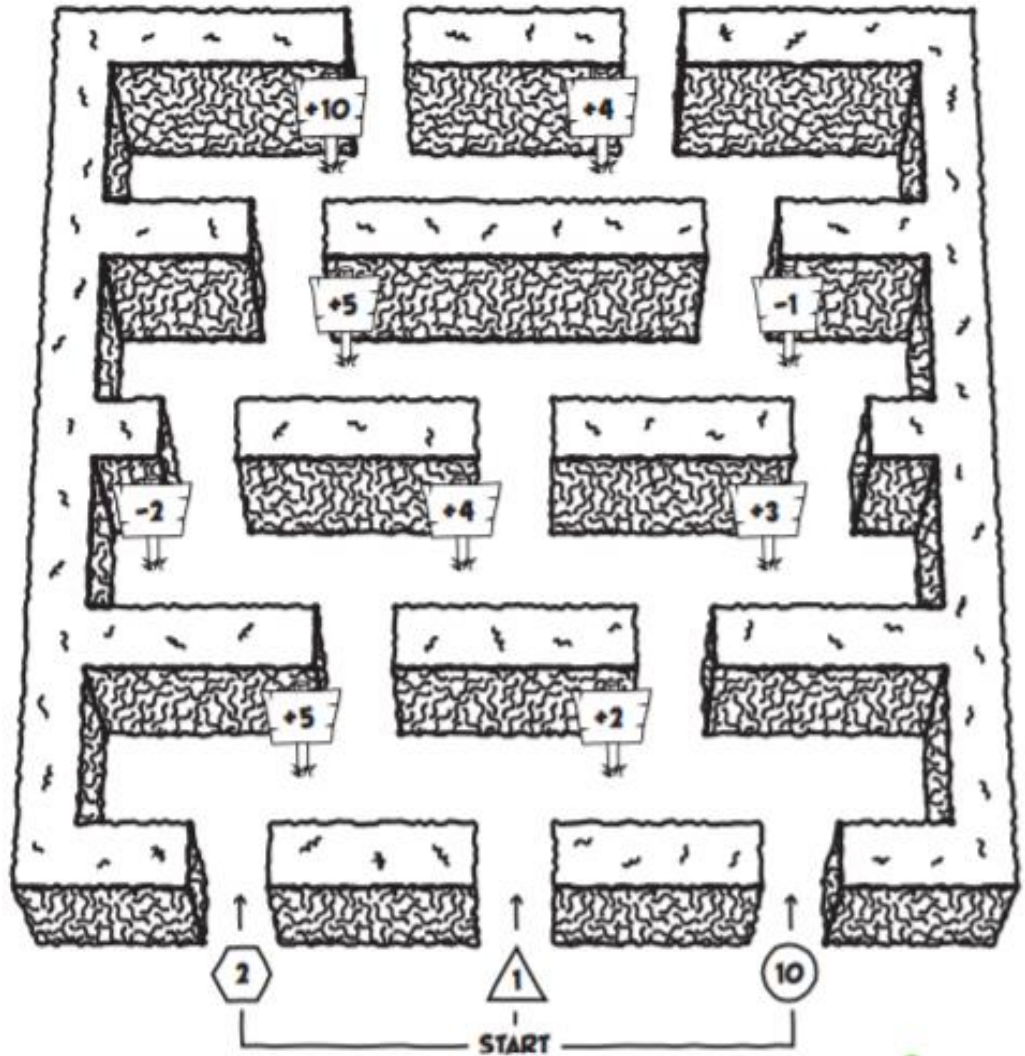
ADDITION AND SUBTRACTION

The three shapes need to leave the maze with certain numbers. They can only move up towards the finish, no moving back towards the start. Each time they move through a narrow passage they will need to add or subtract the number listed on the sign. Draw a path for each shape so they leave the maze with the numbers indicated below.

⬡ → 25

△ → 4

○ → 19



How many counters do you think would fit on a page of your maths book?

Explain your guess and then try it out.




If you don't have counters maybe use something around the house like textas, playing cards, golf balls....be creative!


Maths:

Answer the questions from the worksheet in your workbook.

The quickest way



Matilda is walking to school. Oliver is walking to softball practice. Help Matilda and Oliver find the quickest way.



Task 1:
Describe the route Oliver should take to get from his home at K6 in Rowe Street to Riordan Oval.

Task 2:
Describe the route Matilda should take to get from her home at C9 in Knight Street to the Catholic school.

Task 3:
Using grid reference points, describe how a police car could travel from the showgrounds at L7 to the station in Hoskin Street and then to the police station.

Other

Choose 1
PDHPE: Get some exercise, do 3 sets of 10 star jumps, squats and any arm exercise. Go outside and kick or throw a ball.
Play on the trampoline.

What Is Minecraft?

Minecraft is a popular video game. Players can build with different types of blocks in digital, 3D worlds.

There are two ways to play Minecraft:

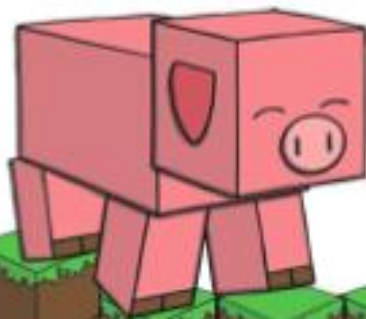
Survival and **Creative**.

Survival Mode	Creative Mode
<ul style="list-style-type: none">• Players need to find their own building supplies.• Players need to find food.• Players interact with mobs which are block-shaped creatures that move.	<ul style="list-style-type: none">• Players are given all the supplies they need.• Players do not need to find or eat food.

To play Minecraft you will need:

- a computer or another digital device
- an online account (players aged 12 or under will need to have a parent make the account for them)

Don't forget, you should always ask a parent before going online, even to play games like Minecraft!



Questions

1. Select the **best** definition for Minecraft.

- Minecraft is an online game.
- Minecraft is a popular video game in which players use blocks to build and create digital, 3D worlds.
- Minecraft is a fun game that can be played on a computer.

2. Which Minecraft mode do you think you would prefer to play?
Explain your answer.

3. Draw an example of what a mob might look like.

4. Colour the things that you could use to play Minecraft.

