



St Johns Park Public School - Year 6, Term 3, Week 5

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	<p><u>FITNESS:</u></p> <ul style="list-style-type: none"> 15 high knees 15 burpees 15 lunges 10 planks <p>Repeat these steps 3 times</p> <p><u>Education LIVE</u> Tune in to Education LIVE at 10am for the live stream. If you can't make the live stream, you can watch it after in the "Catch up on Education LIVE videos" section.</p> <p><u>ENGLISH:</u> Word of the day: Adhesive</p> <ul style="list-style-type: none"> Look-up meaning of the word. What part of speech is it? (E.g. Noun, verb etc.) Research the etymology (the origin of the word) Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS:</u></p> <ul style="list-style-type: none"> 15 high knees 15 burpees 15 lunges 10 planks <p>Repeat these steps 3 times</p> <p><u>Education LIVE</u> Tune in to Education LIVE at 10am for the live stream. If you can't make the live stream, you can watch it after in the "Catch up on Education LIVE videos" section.</p> <p><u>ENGLISH:</u> Word of the day: Languish</p> <ul style="list-style-type: none"> Look-up meaning of the word. What part of speech is it? (E.g. Noun, verb etc.) Research the etymology (the origin of the word) Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS:</u></p> <ul style="list-style-type: none"> 15 high knees 15 burpees 15 lunges 10 planks <p>Repeat these steps 3 times</p> <p><u>Education LIVE</u> Tune in to Education LIVE at 10am for the live stream. If you can't make the live stream, you can watch it after in the "Catch up on Education LIVE videos" section.</p> <p><u>ENGLISH:</u> Word of the day: Prescient</p> <ul style="list-style-type: none"> Look-up meaning of the word. What part of speech is it? (E.g. Noun, verb etc.) Research the etymology (the origin of the word) Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS:</u></p> <ul style="list-style-type: none"> 15 high knees 15 burpees 15 lunges 10 planks <p>Repeat these steps 3 times</p> <p><u>Education LIVE</u> Tune in to Education LIVE at 10am for the live stream. If you can't make the live stream, you can watch it after in the "Catch up on Education LIVE videos" section.</p> <p><u>ENGLISH:</u> Word of the day: Contiguous</p> <ul style="list-style-type: none"> Look-up meaning of the word. What part of speech is it? (E.g. Noun, verb etc.) Research the etymology (the origin of the word) Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS:</u></p> <ul style="list-style-type: none"> 15 high knees 15 burpees 15 lunges 10 planks <p>Repeat these steps 3 times</p> <p><u>Education LIVE</u> Tune in to Education LIVE at 10am for the live stream. If you can't make the live stream, you can watch it after in the "Catch up on Education LIVE videos" section.</p> <p><u>ENGLISH:</u> Word of the day: Irrevocable</p> <ul style="list-style-type: none"> Look-up meaning of the word. What part of speech is it? (E.g. Noun, verb etc.) Research the etymology (the origin of the word) Write two interesting complex/ compound sentences using the word.

<p>Famous Quote: <i>"Do not go where the path may lead, go instead where there is no path and leave a trail."</i></p> <ul style="list-style-type: none"> Research who wrote this quote Explain the meaning of this quote <p><u>SPELLING</u> Spelling Focus is Latin Roots: duco ductus, cedo cessus Words: conduct, deduct, induct, product.</p> <p>Look, Cover, Write, Check</p> <p>Define unknown words and write them in 2 different sentences.</p> <p><u>READING</u> Visit website https://www.pobble365.com/the-mad-hatter Complete the 9 questions under the heading 'Question Time!'</p> <p><u>Persuasive Devices in Advertising</u> Brainstorm what is the first thing you think about when you hear the term Persuasive Device.</p> <p>Read the information on "What are Persuasive Devices?"</p>	<p>Famous Quote: <i>"The only impossible journey is the one you never begin."</i></p> <ul style="list-style-type: none"> Research who wrote this quote Explain the meaning of this quote <p><u>SPELLING</u> Spelling Focus is Latin Roots: duco ductus, cedo cessus Words: produce, reduce, induce, introduce</p> <p>Look, Cover, Write, Check</p> <p>Define unknown words and write them in 2 different sentences.</p> <p>Complete Pencil Work 20 Questions 1 & 2</p> <p><u>READING</u> Read the 'Liquid Ice' advertisement and answer the questions using full sentences</p> <p><u>WRITING</u> <u>Persuasive Devices in Advertising Using Persuasive Devices</u> Your friends are arguing whether or not bananas are more enjoyable to eat than strawberries. Choose which side you support. Write a sentence using each persuasive device to help argue your viewpoint. Each device will be the subheading</p>	<p>Famous Quote: <i>"Life is really simple, but we insist on making it complicated."</i></p> <ul style="list-style-type: none"> Research who wrote this quote Explain the meaning of this quote <p><u>SPELLING</u> Spelling Focus is Latin Roots: duco ductus, cedo cessus Words: educate, access, excess, success</p> <p>Look, Cover, Write, Check</p> <p>Define unknown words and write them in 2 different sentences.</p> <p>Complete Pencil Work 20 Questions 3, 4 & Word Workout</p> <p><u>READING</u> Read the 'Healthy Minds, Healthy Bodies No Free Rides' comic and answer the questions using full sentences:</p> <ol style="list-style-type: none"> What are common ways to avoid spreading germs? What does the term 'a free ride' mean in the text? Think about five surfaces people commonly touch in public that could spread germs. <p><u>WRITING</u> View PowerPoint 'Persuasive Writing in Advertisements' and</p>	<p>Famous Quote: <i>"Successful people do what unsuccessful people are not willing to do. Don't wish it were easier; wish you were better."</i></p> <ul style="list-style-type: none"> Research who wrote this quote Explain the meaning of this quote <p><u>SPELLING</u> Spelling Focus is Latin Roots: duco ductus, cedo cessus Words: educate, process, proceed, succeed</p> <p><u>READING</u> Read the biography on JK Rowling and answer the questions in full sentences.</p> <p><u>WRITING</u> <u>Persuasive Advertisements</u> Copy and paste the Fortnite Ad image in a new Google Slide. Image can be found on: https://drive.google.com/drive/folders/1IZWT2AD94tXsPQ01RRsm8gZXwWTmjPfp?usp=sharing</p> <p>Annotate this advertisement with the following information:</p> <ul style="list-style-type: none"> Target audience Purpose Appealing language How does it catch your attention? 	<p>Famous Quote: <i>"The question isn't who is going to let me; it's who is going to stop me."</i></p> <ul style="list-style-type: none"> Research who wrote this quote Explain the meaning of this quote <p><u>SPELLING</u> Spelling Focus is Latin Roots: duco ductus, cedo cessus Words: recede, precede, incessant</p> <p>Look, Cover, Write, Check</p> <p>Define unknown words and write them in 2 different sentences.</p> <p>Complete Spelling Corner 39 activity</p> <p><u>READING</u> Read the informative text on The Sydney Harbour Bridge and answer the questions in full sentences.</p> <p><u>WRITING</u> <u>Create your own persuasive advertisement using Poster My Wall</u></p> <p>This ad needs to be copied and pasted in your advertising Google Slide. Your ad is to sell healthy ice-cream.</p>
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Complete the 'Persuasive Devices Matchup' worksheet. These can be written in your books.

followed by the sentence. (Use the information on persuasive devices as a guide.)

'Kayla Ad' found in <https://drive.google.com/drive/folders/1IZWT2AD94tXsPQ01RRsm8gZXwWTmjPfp?usp=sharing>

Using information in PowerPoint, answer the following questions about the Kayla Advertisement

- Who is the target audience?
What is the message this image is trying to tell us?
What is the purpose of this ad?
What appealing language has been used?
Which colour is predominately used and why has this colour been chosen?

- Why have they used those colours?

Example



This should be as unique and quirky as possible! Perhaps your ice-cream doesn't contain any dairy or sugar. Maybe its flavours are vegetable based? Whatever you decide, you have to use your best advertising tools to SELL it to your AUDIENCE!

Refer to the PowerPoint on <https://drive.google.com/drive/folders/1IZWT2AD94tXsPQ01RRsm8gZXwWTmjPfp?usp=sharing> to help you in planning your advertisement.

Middle

MATHEMATICS

Complete - Maths Mentals
Time yourself, record your time.

Log in *Mangahigh* and complete the activity assigned for the day.

Complete Monday's worksheet on 'Order of operations'

MATHEMATICS

Complete - Maths Mentals
Time yourself, record your time.

Log in *Mangahigh* and complete the activity assigned for the day.

Complete Tuesday's worksheet on 'Equivalent number sentences'

MATHEMATICS

Complete - Maths Mentals
Time yourself, record your time.

Log in *Mangahigh* and complete the activity assigned for the day.

Complete Wednesday's worksheet on 'Order of operations with integers'

MATHEMATICS

Complete - Maths Mentals
Time yourself, record your time.

Log in *Mangahigh* and complete the activity assigned for the day.

Complete Thursday's Maths Maze on factors. Use the sample provided (Maths Maze 1) to help your complete Maths Maze 2

MATHEMATICS

Complete - Maths Mentals
Time yourself, record your time.

Log in *Mangahigh* and complete the activity assigned for the day.

Complete Friday's worksheet on 'Ratio word problems'

	<p><u>HSIE - Geography</u></p> <p>Indigenous people - world views</p> <p>Watch language Youtube video https://www.youtube.com/watch?v=J_ebtOhcoQM</p> <p>How many indigenous languages were there in Australia before European colonisation?</p> <p>How many are still spoken today?</p> <p>What will the future be for these languages? https://aiatsis.gov.au/explore/articles/aiatsis-map-indigenous-australia</p> <p>Aboriginal maps: Look at the map showing Australia divided into many Aboriginal and Torres Strait Islander places. Compared to the states and territories of today, what do we know?</p>	<p><u>Sport</u></p> <p>Keeping active through physical activity and sport has many benefits for the body.</p> <p>Go outside and play a sport of your choice for at least 30 minutes.</p>	<p><u>Dance</u></p> <p>Kids Learn a Dance to "Can't Stop the Feeling" by Justin Timberlake! - YouTube</p> <p>Easy Kids Choreography - (Hip Hop Dance Tutorial AGES 4+) MihranTV - YouTube</p> <p>Watch. Either record yourself or write a small summary of your experience.</p>	<p><u>Science</u></p> <p><u>Inquiry focus: How big are the planets in our solar system and how far apart are they?</u></p> <p><u>Activity 5</u> Answer the following questions in full sentences:</p> <ol style="list-style-type: none"> 1. Which object in space has the greatest effect on the solar system? Explain why. 2. Why is Earth unique in the solar system? 3. Explain how the sun and Earth's rotation causes the four seasons. <p><u>Activity 6</u> Refer to the worksheet.</p>	<p><u>Sport</u></p> <p>Keeping active through physical activity and sport has many benefits for the body.</p> <p>Go outside and play a sport of your choice for at least 30 minutes</p>
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Break	Break	Break	Break	Break	Break
	<u>Science</u>	<u>Visual Arts</u>	<u>HSIE – Geography</u>	<u>Drama</u>	<u>Personal Development/Health</u>
	<p><u>Inquiry focus: How big are the planets in our solar system and how far apart are they?</u></p> <p><u>Activity 1</u> Watch the video: Solar System - 3D Comparison https://www.youtube.com/watch?v=ampcQYXHkM4 Order the planets in our solar system from smallest to largest.</p> <p><u>Activity 2</u> Watch the video: To Scale - The Solar System https://www.youtube.com/watch?v=zR3Igc3Rhfg Refer to the worksheet.</p> <p><u>Activity 3</u> Visit the website: https://nssdc.gsfc.nasa.gov/planetary/factsheet/ Refer to the worksheet.</p> <p><u>Activity 4</u> Using the data from Activity 3, create a visual text to display the information.</p>	<p>Activity: Making an origami cute coffee cup DIY Paper mug Watch the website below: https://www.youtube.com/watch?v=0IIXWUD0BBg&list=RDCMUC8ImTA5u9sfqbHtDeNCIAQ&index=5</p> <p>If you don't have coloured paper, you can get white paper and use markers, coloured pencils to create the colour of your cup. Be creative! You can make more than one cup.</p> <p>Upload your cute coffee cup to Seesaw.</p>	<p>Indigenous activities: Research various indigenous groups from around the world. Complete the worksheet “Indigenous people around the world”. For example – Australia- Aborigines 2.4% of Australia’s population</p> <p>Using your research, create a mini informational poster on one indigenous group to share with the class.</p> <p>View the example poster and create your own one..</p>	<p>Tableaux (Frozen Pictures) Think of cartoons and comic books and the way the stories are told. 1. Create a story or select a well-known fairy-tale or nursery rhyme. 2. Use people, stuffed animals, Lego pieces, puppets, or any “actors” you can create at home. 3. Photograph 6 pictures that tell your story. You can use speech bubbles, facial expressions, and body language to tell the story effectively. Share on SeeSaw.</p>	<p><u>Food groups and nutrition</u></p> <p>Define nutrition</p> <p>Watch the following video and take notes https://www.youtube.com/watch?v=Z51bWG17m-Q</p> <p>Under the following headings, record information in dot points from the video.</p> <p>Fats (healthy and unhealthy) Carbohydrates (sugars and starches) Protein Vitamins and Minerals Calcium Fibre Water</p> <p>Plan a menu for one day focusing on nutrition. Your plan must include: breakfast, crunch n sip, lunch, recess and dinner.</p> <p>Research the cost of this menu using the Woolworths or Coles websites. Record the prices per item and total and upload to Seesaw. Happy shopping!</p>

Monday

1. $56 - 18 =$ _____
2. $67 + 66 =$ _____
3. $13 \times 2 =$ _____
4. $12 \times 8 =$ _____
5. $32 \div 8 =$ _____
6. Round 44020 to the nearest hundred. _____
7. Round 2070.70 to the nearest whole number. _____
8. Complete this counting pattern:
93, 98, 103, 108, _____, _____, _____
9. Complete this counting pattern:
52, 61, 70, 79, _____, _____, _____
10. What is the sum of 67, 87 and 76? _____
11. What is the average of 0, 6 and 9? _____
12. What is the price after taking 50% off \$44? _____
13. What is $\frac{1}{8}$ of 80? _____
14. What is $\frac{1}{4}$ of 28? _____
15. $0.78 \times 10 =$ _____
16. Write these decimals in ascending order: 0.59, 0.80, 0.71, 0.53

17. How many minutes from 5 am to 5 pm? _____
18. If a rectangle has a perimeter of 184cm, and its length is 91cm.
What is its width? _____
19. What type of angle is 251° ? _____

20. Which star has the lowest chance of being selected? Black or white? _____



Tuesday

1. $29 + 21 =$ _____
2. $30 + 46 + 83 =$ _____
3. $12 \div 4 =$ _____
4. $9 \times 8 =$ _____
5. $46 \times 2 =$ _____
6. Round 5070 to the nearest thousand. _____
7. Round 87226.40 to the nearest whole number. _____
8. Complete this counting pattern:
84, 95, 106, 117, _____, _____, _____
9. Complete this counting pattern:
60, 66, 72, 78, _____, _____, _____
10. If there were 84 fans at a netball game, 50 were wearing gold and the rest were wearing maroon, how many were wearing maroon?

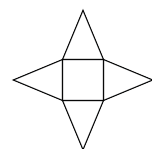
11. What is the product of 12 and 0? _____
12. What is the price after taking 10% off \$33? _____
13. What is $\frac{1}{6}$ of 48? _____
14. What is $\frac{1}{2}$ of 728? _____
15. $0.28 \times 10 =$ _____
16. Write these decimals in descending order: 0.94, 0.24, 0.92, 0.38

17. What digital time does the clock show?

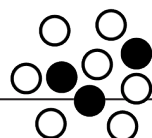


18. If a square has a perimeter of 64cm, what is the length of a side? _____

19. What is the name of the 3D object this net forms? _____



20. Imagine these circles are in a bag. What is the probability of pulling out a white circle?



Wednesday

1. $30 + 93 + 69 =$ _____
2. $17 - 16 =$ _____
3. $10 \times 12 =$ _____
4. $75 \times 2 =$ _____
5. $330 \div 10 =$ _____
6. Round 46877 to the nearest ten. _____
7. Round 66998.80 to the nearest whole number. _____
8. Complete this counting pattern:
95, 97, 99, 101, _____, _____, _____
9. Complete this counting pattern:
77, 83, 89, 95, _____, _____, _____
10. If there were 82 fans at a field hockey game, 51 were wearing blue and the rest were wearing gold, how many were wearing gold?

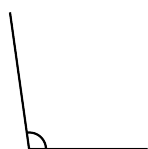
11. How much is 10L at \$11 per litre? _____
12. What is the price after taking 50% off \$73? _____
13. What is $\frac{1}{3}$ of 12? _____
14. What is $\frac{1}{10}$ of 800? _____
15. $0.39 \times 10 =$ _____
16. Write these decimals in descending order: 0.13, 0.86, 0.82, 0.42

17. What digital time does the clock show?

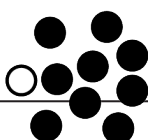


18. The length of a rectangle's sides are 9cm and 7cm. What is its area? _____

19. What type of angle is this? _____

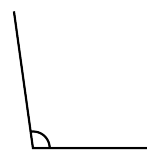


20. Imagine these circles are in a bag. What is the probability of pulling out a black circle?

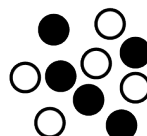


Thursday

1. $65 + 61 =$ _____
2. $21 + 72 + 89 =$ _____
3. $11 \times 9 =$ _____
4. $896 \div 2 =$ _____
5. $85 \times 2 =$ _____
6. Round 99735 to the nearest ten. _____
7. Round 87369 to the nearest thousand. _____
8. Complete this counting pattern:
65, 76, 87, 98, _____, _____, _____
9. Complete this counting pattern:
24, 36, 48, 60, _____, _____, _____
10. If there were 110 fans at a field hockey game, 39 were wearing pink and the rest were wearing orange, how many were wearing orange? _____
11. How much is 3kg at \$5 per kilogram? _____
12. What is the price after taking 10% off \$95? _____
13. What is $\frac{1}{12}$ of 60? _____
14. What is $\frac{1}{11}$ of 11? _____
15. $0.46 \times 10 =$ _____
16. $0.97 \times 100 =$ _____
17. What is 4:24 pm in 24-hour time? _____
18. The length of a square's sides are 8cm. What is its area? _____
19. What type of angle is this? _____



20. Imagine these circles are in a bag. What is the probability of pulling out a white circle?



Friday

1. $47 + 32 =$ _____

2. $20 - 13 =$ _____

3. $36 \times 2 =$ _____

4. $11 \times 9 =$ _____

5. $72 \div 6 =$ _____

6. Round 47894 to the nearest thousand. _____

7. Write these numbers in descending order: 75234, 16712, 56014, 31156, 63202, 93877. _____

8. Complete this counting pattern:

34, 41, 48, 55, _____, _____, _____

9. Complete this counting pattern:

92, 104, 116, 128, _____, _____, _____

10. What is the difference between 26 and 20? _____

11. Double 220 = _____

12. What is the price after taking 50% off \$69? _____

13. What is $\frac{1}{11}$ of 77? _____

14. What is $\frac{1}{2}$ of 744? _____

15. Write these decimals in ascending order: 0.23, 0.88, 0.28, 0.45

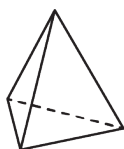
16. Write these decimals in descending order: 0.41, 0.11, 0.55, 0.24

17. What digital time does the clock show?

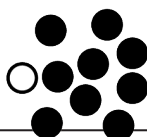


18. If a square has a perimeter of 256cm, what is the length of a side? _____

19. How many edges does a triangle-based pyramid have?



20. Which circle has the lowest chance of being selected? Black or white? _____



Weekly – Spelling

duct

TERM 3 LESSON 20

PENCIL WORK 20

Name: _____



1 Add endings to complete the words correctly.

incessant Rain fell _____ for days, causing major flooding.

reduce A _____ in the price of fuel was welcomed by drivers.

conduct The _____ raised his baton and the symphony began.

recede Floodwaters are _____, but dams are still rising.

excess _____ force was used to subdue the prisoners.



2 Form nouns by adding the suffix *-ion* or *-tion*.

produce _____ reduce _____

introduce _____ educate _____

process _____ success _____

deduct _____ induct _____

access _____ recess _____



3 Highlight the correct prefix.

The car reached speeds in ^{ex}_{ac}cess of 150 kph.

The opening of the bridge was ^{re}_{pre}ceded by a short speech.

Farmers ^{pro}_{re}duce food for the tables of the nation.

There was an attempt to ^{ab}_{in}duct the young prince.

It will take some time to ^{suc}_{pro}cess all of the data.



4 Use the prefixes to write some different words.

de _____
pro _____
in _____ duct _____
ab _____
con _____

re _____
in _____
pro _____ duce _____
de _____
intro _____

pro _____
re _____
ac _____ cess _____
suc _____
ex _____



Word Workout

Write for five minutes. Do not stop. Do not speak.

Design a poster advertising a street procession.

TERM 3 LESSON 20



SPELLING CORNER 40

Find the eight spelling errors in this text.

Write the correct spelling on the lines below.

The Power of Music

Recent studies into music have shown that learning to play a musical instrument improves not only our ability to listen but also our motor skills and our ability to focus, reason and remember. It has been named the music advantage.

The musical experience strengthens the ability to know what is important to listen to and pay attention to in any noisy environment, including the classroom.

Listening to music doesn't have the same impact on the brain as making music, but can still be beneficial.

TERM 3 LESSON 20



SPELLING CORNER 39

Join the word parts to build new words.

Obey your spelling rules!

- intro + duct + or + y _____
- ex + cess + ive _____
- pro + ceed + ings _____
- pre + cede + ent _____
- in + duce + ment _____
- de + duct + ible _____
- product + ive + ity _____
- success + ful _____
- success + ive _____
- educate + ion + al _____
- ab + duct + ion _____
- ac + cess + ible _____

Monday – English

Persuasive Devices Match-Up

Match the correct persuasive device to its definition.

Emotive
Language

Questions asked just for effect, or to
emphasise a point.

Alliteration

Words used to make the reader feel like
you are talking to them.

Personal
Pronouns

Repetition of the same sound at the
beginning of words.

Exaggeration

Language used to make the reader feel
certain emotions.

Rule of 3

Words used to indicate the degree to
which something is probable.

Rhetorical
Questions

Providing information that is inflated, or
over-the-top.

Repetition

Important words or phrases that are used
more than once.

Modality

Three adjectives or phrases used together
to emphasise a point.

Monday – Mathematics**Order of operations****33**Remember: Multiplication and division are done **before** addition and subtraction!**4** Solve these equations.

a $15 + 21 \div 3 = \underline{\hspace{2cm}}$

b $5 + 20 \times 4 = \underline{\hspace{2cm}}$

c $8 \times 5 \div 4 = \underline{\hspace{2cm}}$

d $3.5 \times 2 - 4 = \underline{\hspace{2cm}}$

e $0.5 + 2.5 \times 4 = \underline{\hspace{2cm}}$

f $36 \div 4 + 54 = \underline{\hspace{2cm}}$

g $30 \times 5 \div 10 = \underline{\hspace{2cm}}$

$15 + 21 \div 3 = \square$
 21 divided by 3 has to be
 done first.
 $15 + 7 = 22$

**5** Use your own strategies to find the missing numbers.

a $3 \times 8 \div \square + 1 = 7$

f $4 \times \square \div 3 = 28$

b $105 - 100 \div \square = 80$

g $\frac{1}{5} \times (\square + 3) + 6 = 9$

c $45 \div \square \times 6 = 30$

h $\square \times \frac{1}{6} + 97 = 100$

d $(30 - 5) \times 6 \div 3 = \square$

i $\frac{1}{5} \text{ of } \square \times 7 - 3 = 53$

e $30 - 5 \times 6 \div 3 = \square$

j $\frac{3}{4} \times (15 - 7) \times 7 - \square = 20$



I estimate the
 answer, then I
 check to see if
 my estimate
 works.

6 The builder's kit

Costs: timber strips \$1.80, hammers \$7.80,
 scissors \$3.50, hooks 35c, ruler \$1.20,
 mixed screws \$2.50.



a Tick the number sentence
 that shows the cost of the
 timber strips and hooks used
 in the picture above right.

☐ $10 \times \$1.80 + 2 \times 35c$

☐ $\$1.20 \times 2 + 10 \times 35c$

☐ $10 \times 35c + 2 \times \1.80

b Which number sentence is correct for the cost of the
 hammers, mixed screws, hooks and timber strips used in
 the picture above?

☐ $5 \times \$3.50 + 2 \times \$2.50 + 10 \times 35c$

☐ $5 \times \$7.80 + 3 \times \$1.20 + 2 \times \$1.80 + 10 \times 35c$

☐ $3 \times \$7.80 + 2 \times \$2.50 + 2 \times \$1.80 + 10 \times 35c$

☐ $3 \times \$3.50 + 3 \times \$7.80 + 2 \times \$1.80 + 10 \times 35c$

When two sets of grouping symbols are used, () and [],
 the innermost symbols must be completed first.

EXAMPLE

$8 + [40 \div (5 + 3)] = 13$

7 Solve the equations below.

a $100 - [80 \div (6 + 2)] =$

b $80 - [3 \times (12 - 7)] =$

c $7 + [45 \div (27 - 12)] =$

d $13 + [13 \times (3 + 6)] =$

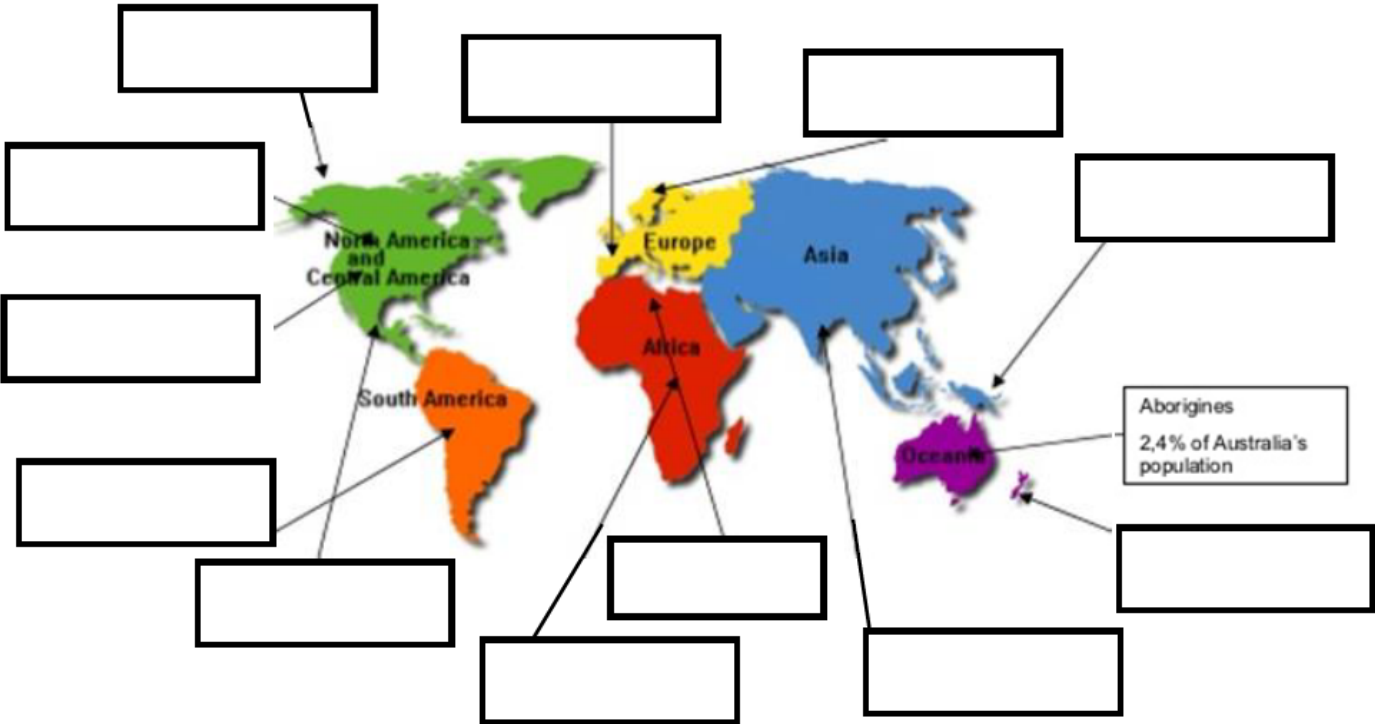
e $100 - [(3 + 5) \times (6 - 3)] =$

f $80 - [(7 + 9) \div (6 - 4)] =$

g $70 - [(13 + 2) \times (7 - 4)] =$

h $90 + [(14 + 7) \times (20 - 13)] =$

Monday – Geography



Monday – Science**Activity 2**

Multiply the scaled distance by the scale to find the actual distance of each planet from the sun.

Planet	Scaled distance 1cm = 1 000 000km	Actual distance
Mercury	57.9cm	
Venus	108.2cm	
Earth	149.6cm	
Mars	227.9cm	
Jupiter	778.6cm	
Saturn	1433.5cm	
Uranus	2872.5cm	
Neptune	4495.1cm	

Activity 3

Record the following data about each planet:

Planets	Distance from the sun (10 ⁶ km)	Diameter (km)	Average temperature (°C)	Number of moons
Mercury				
Venus				
Earth				
Mars				
Jupiter				
Saturn				
Uranus				
Neptune				

Tuesday - Reading

An advertisement for 'Liquid Ice' featuring a blue plastic bottle with a blue cap. The bottle has a label that says 'LIQUID ICE' in white and '600 mL' in blue. The background is a light blue with a starburst effect behind the bottle. To the right of the bottle, the text 'Great Value!' is written in a cursive font, followed by a large '\$11.99' and a smaller '600 mL' in a blue oval. Below this, 'All Natural' is written in a cursive font, followed by 'No artificial colours', 'No preservatives', and 'No additives' in a sans-serif font. At the bottom, it says 'Only available at exclusive and selective stores.' in a small font.

1. Describe the benefits of buying Liquid Ice claimed in the advertisement.

2. Do you think Liquid Ice would be good value? Why or why not?

3. What does the disclaimer mean in the advert?

4. Why would the disclaimer be written in small font?

5. What solar and gravity technologies do you think they use to make Liquid Ice?

Are you tired of the inconvenience of ice?

Liquid Ice welcomes a new age of portable hydration. Our ice is converted into liquid by using state-of-the-art solar and gravity technologies. We manipulate and craft frozen hydrogen and oxygen into liquid form, for your health and vitality. No need to lug bulky, inconvenient slabs of ice. Now you can have liquid ice ready as soon as you need to quench your thirst. Converted and distributed in a convenient portable drink bottle. You can take it anywhere!



DISCLAIMER We do not take responsibility for reactions to Liquid Ice in temperatures below 0° Celsius.

***Fictional product only.**

Tuesday – Mathematics

Equivalent number sentences

13

4 Supply the missing numbers in each equation.

a $3 \times \square = 15$

g $7 \times \square + 3 = 45$

b $7 + \square = 21$

h $35 \div 5 \times \square = 28$

c $27 + \square = 35$

i $7 \times 9 + \square = 80$

d $35 \div \square = 7$

j $(6 + 7) \times \square = 52$

e $14 + \square = 40$

k $16 \times 2 - \square = 30$

f $35 - \square = 21$

l $(37 + \square) \times 3 = 120$

$35 \div 5 \times \square = 28$
Solve the first part, $35 \div 5 = 7$,
Now see how many 7s in 28.



5 Complete the number sentences by supplying the missing numbers.

a $5 + \square = 18 - 7$

g $49 \div 7 = 21 \div \square$

b $11 - \square = 19 - 12$

h $39 + \square = 100 - 33$

c $5 \times \square = 26 + 14$

i $25 - 20 = 40 \div \square$

d $\square \times 7 = 29 + 13$

j $3 \times 9 = 18 + \square$

e $48 \div \square = 64 \div 8$

k $42 - 7 = \square \times 7$

f $38 + 17 = 55 \div \square$

l $54 \div \square = 21 - 12$

Both sides of the
equals sign have to give
the same answer.



6 Create your own equivalent number sentences by placing numbers in the boxes and operation signs in the triangles. Test to see that your sentences work.

a $\square \triangle \square = \square \triangle \square$

c $\square \triangle \square = \square \triangle \square$

b $\square \triangle \square = \square \triangle \square$

d $\square \triangle \square = \square \triangle \square$

7 Complete the number cross.

	1	2			3	
				4		
	5		6			
			7			8
9					10	
		11		12		
	13			14	15	

Across

1 $7 + \square = 20$

4 $495 - \square = 95$

7 $\square \div 8 = 5$

9 $57 - \square = 37$

10 $\square \div 3 = 25$

13 $70 - \square = 54$

14 $100 - \square = 57$

Down

2 $29 + \square = 59$

3 $5 \times \square = 1500$

5 $2000 - \square = 1300$

6 $\square \div 6 \times 5 = 20$

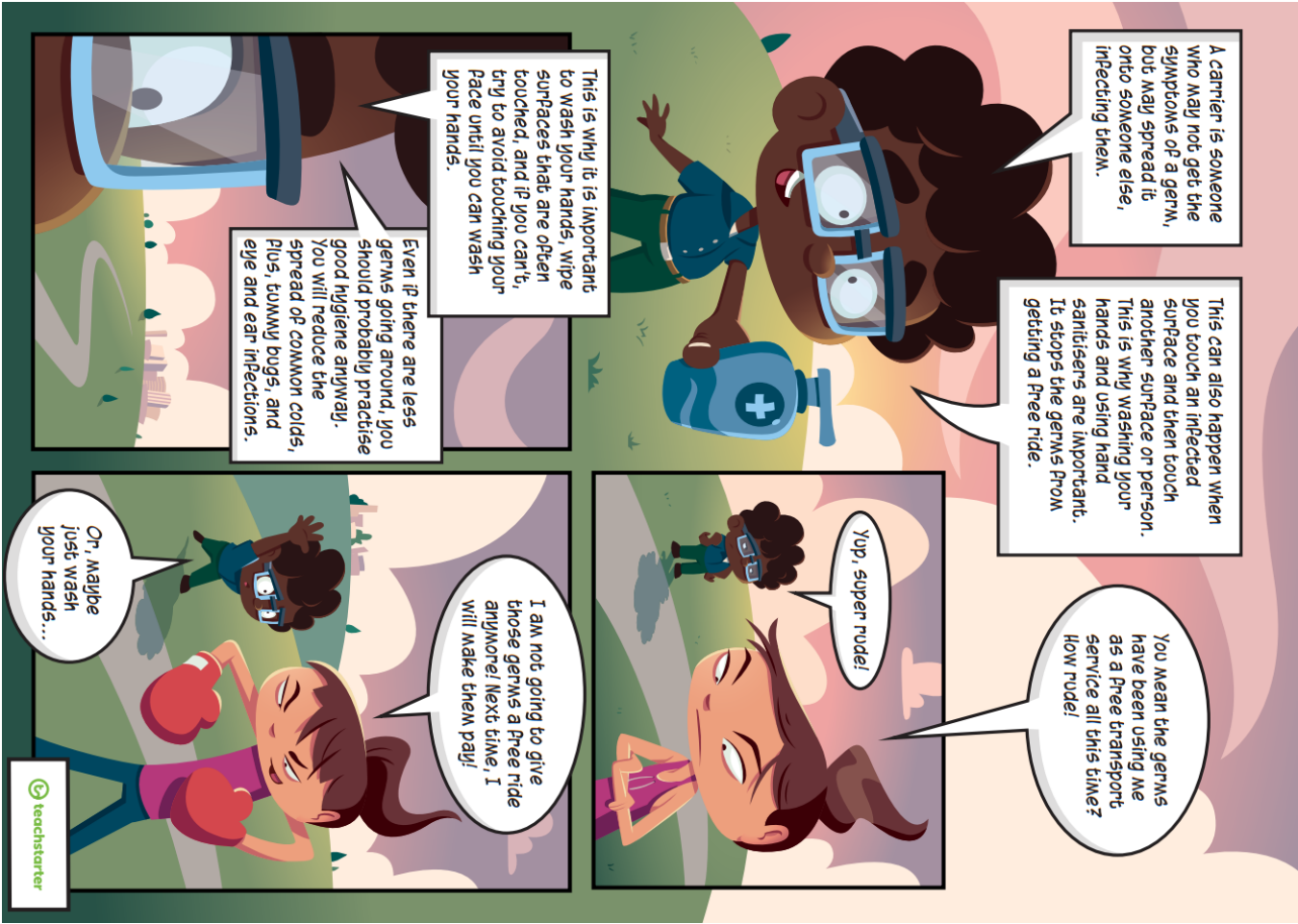
8 $3 \times \square = 75$

11 $50 - \square = 14$

12 $8 \times 3 = \square$

15 $50 - \square = 19$

Wednesday – Reading



A carrier is someone who may not get the symptoms of a germ, but may spread it onto someone else, infecting them.

This can also happen when you touch an infected surface and then touch another surface or person. This is why washing your hands and using hand sanitisers are important. It stops the germs from getting a free ride.

You mean the germs have been using me as a free transport service all this time? How rude!

Yup, super rude!

I am not going to give those germs a free ride anymore! Next time, I will make them pay!

This is why it is important to wash your hands, wipe surfaces that are often touched, and if you can't, try to avoid touching your face until you can wash your hands.

Even if there are less germs going around, you should probably practise good hygiene anyway. You will reduce the spread of common colds, flu, tummy bugs, and eye and ear infections.

Or, maybe just wash your hands...

teachstarter



HEALTHY MIND, HEALTHY BODY, No Free Rides!

Dude, what is up with all these face masks and hand sanitisers? Everyone is going over the top to avoid germs lately.

Masks and sanitisers are a good way people can reduce getting germs and giving them to other people.

But I don't get sick. I have been eating my carrots, and I have a body of steel!

Yeah, YOU might be okay, but you are also a potential carrier.

A what?!

teachstarter

Wednesday – Mathematics

B	O	D	M	A	S
Brackets (...)	Orders \sqrt{x} x^2	Division \div	Multiplication \times	Addition $+$	Subtraction $-$

Operations with Integers – Mixed Operations

(a) $-9 - -35 =$ _____

(h) $-10 \times 27 =$ _____

(o) $-43 + -42 =$ _____

(b) $-40 + 20 =$ _____

(i) $-14 + -16 =$ _____

(p) $-9 + -21 =$ _____

(c) $9 + -36 =$ _____

(j) $36 \div -9 =$ _____

(q) $-12 \times -8 =$ _____

(d) $-90 \div 9 =$ _____

(k) $25 - -38 =$ _____

(r) $2 \times -23 =$ _____

(e) $-4 - -13 =$ _____

(l) $27 \times -2 =$ _____

(s) $-4 \times 23 =$ _____

(f) $5 + -19 =$ _____

(m) $8 - -12 =$ _____

(t) $25 + -42 =$ _____

(g) $-10 + -15 =$ _____

(n) $72 \div -4 =$ _____

(u) $40 \div -4 =$ _____

Order of Operations – Two Steps

(a) $1 \times 2 + -9 =$ _____

$=$ _____

(b) $9 + 2 - -10 =$ _____

$=$ _____

(c) $2^2 - 5 =$ _____

$=$ _____

(d) $-1^8 \times 4 =$ _____

$=$ _____

(e) $-3 + 6 + -9 =$ _____

$=$ _____

(f) $-5 \times -1 - -1 =$ _____

$=$ _____

(g) $(5-9) \div 1 =$ _____

$=$ _____

(h) $3 - 3^2 =$ _____

$=$ _____

(i) $10 - -1^9 =$ _____

$=$ _____

(j) $-4 \times -8 + 7 =$ _____

$=$ _____

Order of Operations – Three Steps

(a) $9 - -4 + 2^2 =$ _____

$=$ _____

$=$ _____

(b) $-1^5 \times -1^1 =$ _____

$=$ _____

$=$ _____

(c) $2 + 6 + -1^2 =$ _____

$=$ _____

$=$ _____

(d) $-2^4 + -7 - 3 =$ _____

$=$ _____

$=$ _____

(e) $-1^8 \times 2 + -9 =$ _____

$=$ _____

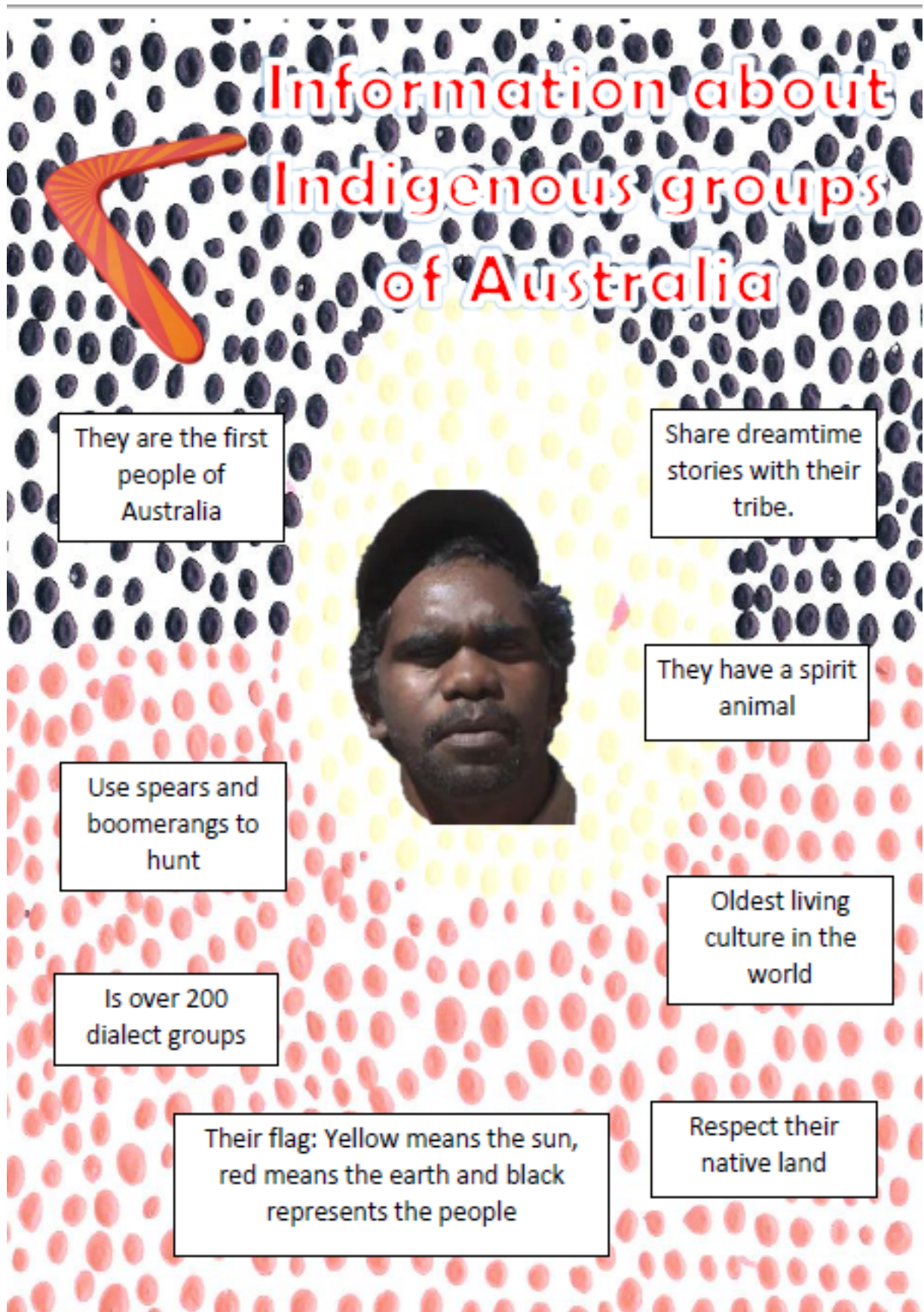
$=$ _____

(f) $-7 \times -1^3 \times -2 =$ _____

$=$ _____

$=$ _____

Wednesday – Geography



Thursday - Reading

J.K. Rowling

Name:

Joanne Rowling

Born:

31st July 1965

Place of birth:

Gloucestershire, UK

Occupation:

Writer, Author



Biography

J.K. Rowling is the best-selling living author in the UK and her books are popular all over the world. Rowling has named Jane Austen and C.S. Lewis as a few of her favourite writers.

J.K. Rowling was born Joanne Rowling on 31st July 1965, in Gloucestershire. Joanne enjoyed writing fantasy stories from an early age, reading them to her younger sister. Having graduated from university, she moved to London to work as a researcher for Amnesty International, an organisation which works to protect human rights around the world. Rowling also lived and worked in Manchester.

It was in 1990, when she was on a delayed train journey from Manchester to London that the idea for a series of books came into her head. Sadly, during the writing of the first Harry Potter book, her mother died. Rowling decided to introduce more detail about the loss of the main character's parents as she knew how it felt. Joanne used her own life as inspiration for many other ideas in the book, for example, her parents met at Kings Cross Station which is where Harry Potter catches the train to school.

After living and working as an English teacher in Portugal, Rowling moved to Edinburgh with her daughter. Those early days of living in Scotland weren't easy for Joanne as she had no job. She gave her spare time to finishing her book. When the story was finally complete, it was sent to 12 different publishing houses, all of which turned it down. In 1997, the book was finally published by Bloomsbury under the name J.K. Rowling. As Joanne didn't have a middle name, she used her grandmother's name, 'Kathleen' in her initials. Shortly after, the book won its first award and proved to be very popular. She later released the next book, 'Harry Potter and the Chamber of Secrets', followed by 'Harry Potter and the Prisoner of Azkaban'. The next book in the series, 'Harry Potter and the

Goblet of Fire', broke sales records in both the UK and America. Rowling was also named Author of the Year at the 2000 British Book Awards and awarded an OBE for writing such popular children's books.

The final book in the series, 'Harry Potter and the Deathly Hallows', was released in 2007 and became the fastest-selling book in history. Since the last Harry Potter book, Rowling has written other books linked to the original Harry Potter series. She has also written stories for adults and continues to write more new material.

Today, original copies of Harry Potter and the Philosopher's Stone sell for around AUD \$33 000 and the series has been translated into 65 languages. The books were also made into very successful films.

Questions

Answer the questions in full sentences.

1. When and where was she born?

2. Name one of Rowling's favourite authors.

3. Where did Joanne come up with the idea for the Harry Potter series?

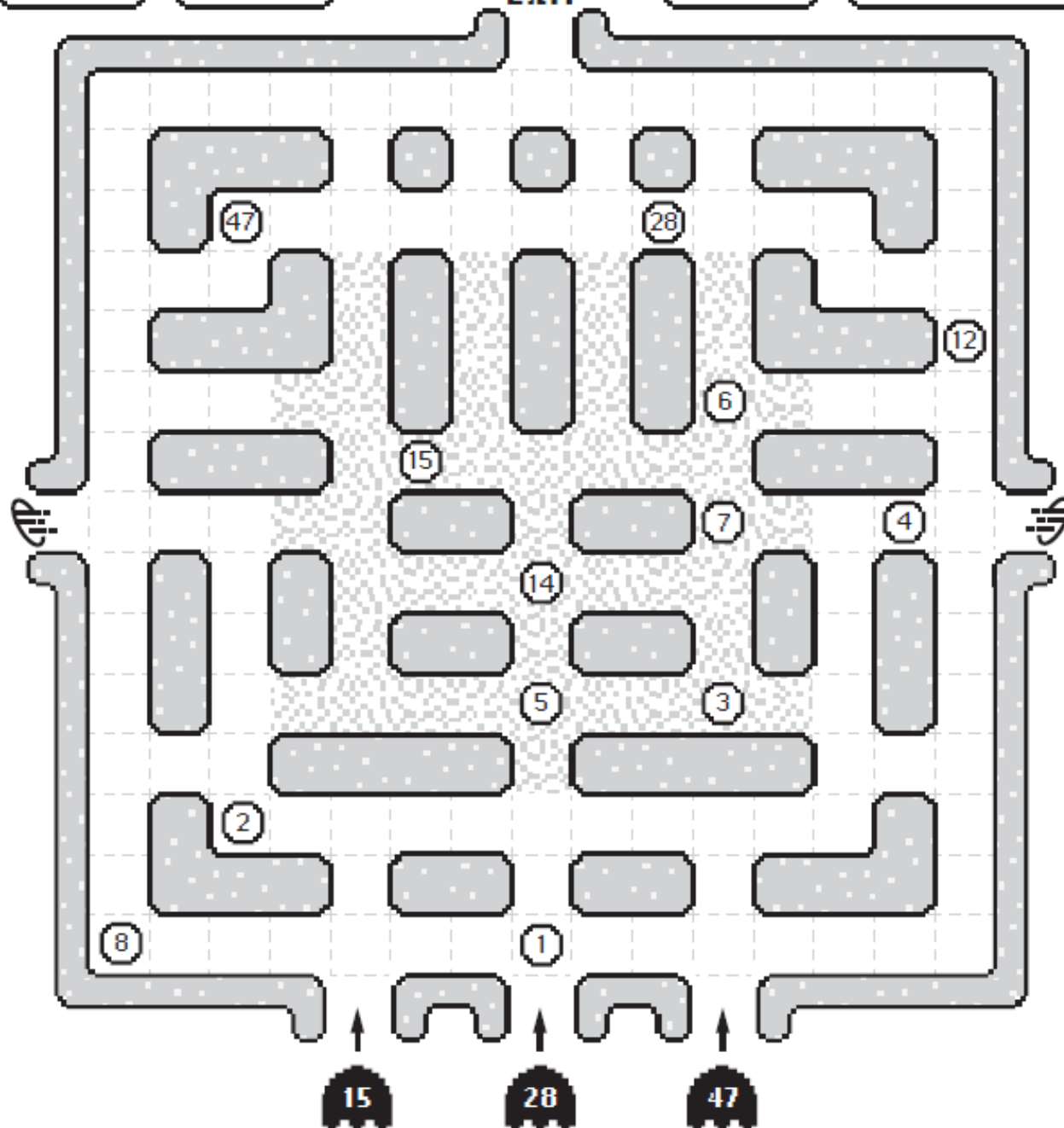
4. Can you explain how the death of her own mother affected her writing?

5. What could one of the original copies of 'Harry Potter and the Philosopher's Stone' sell for?

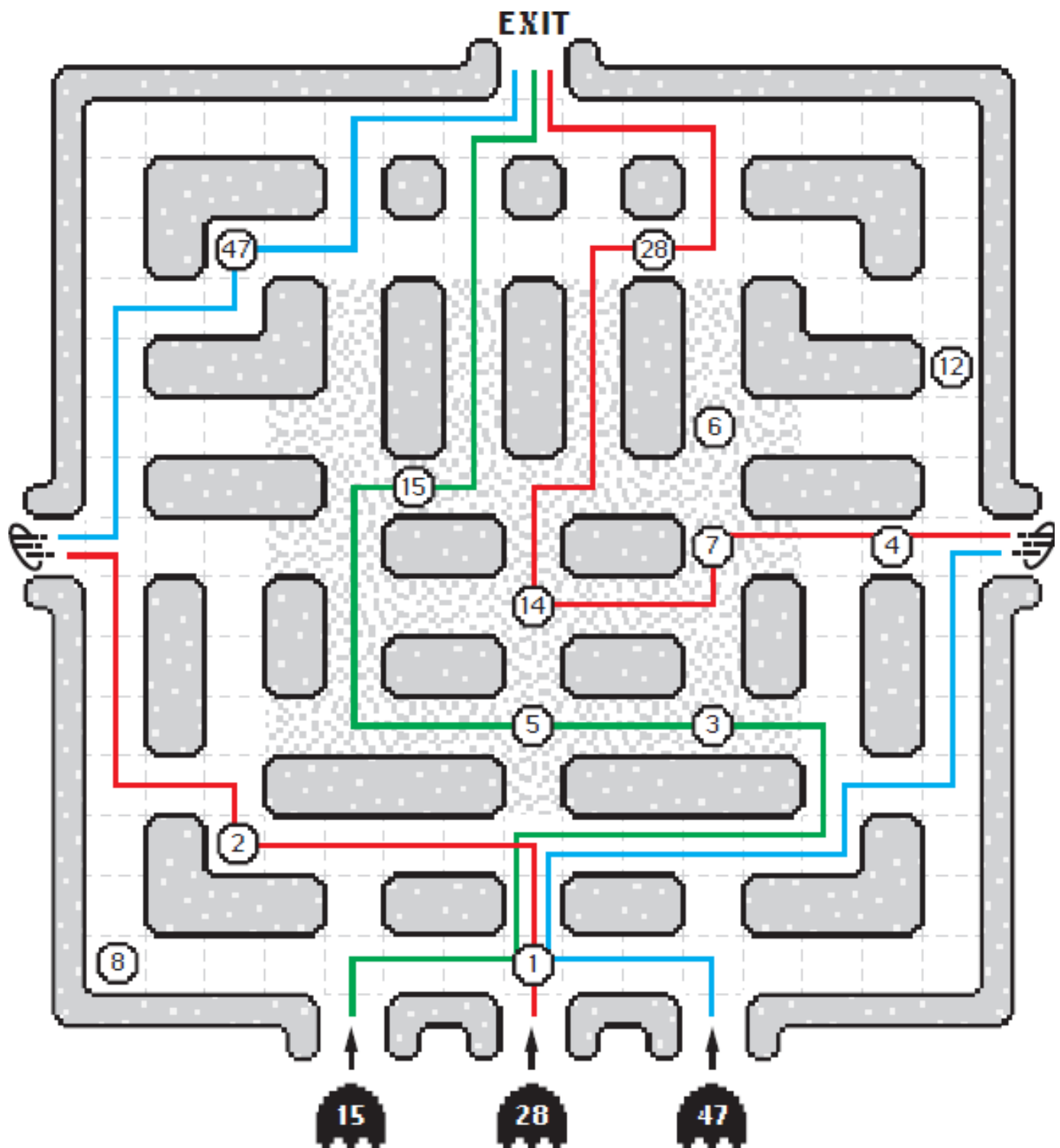
Factors

Maze Rules

- EXIT



Completed example



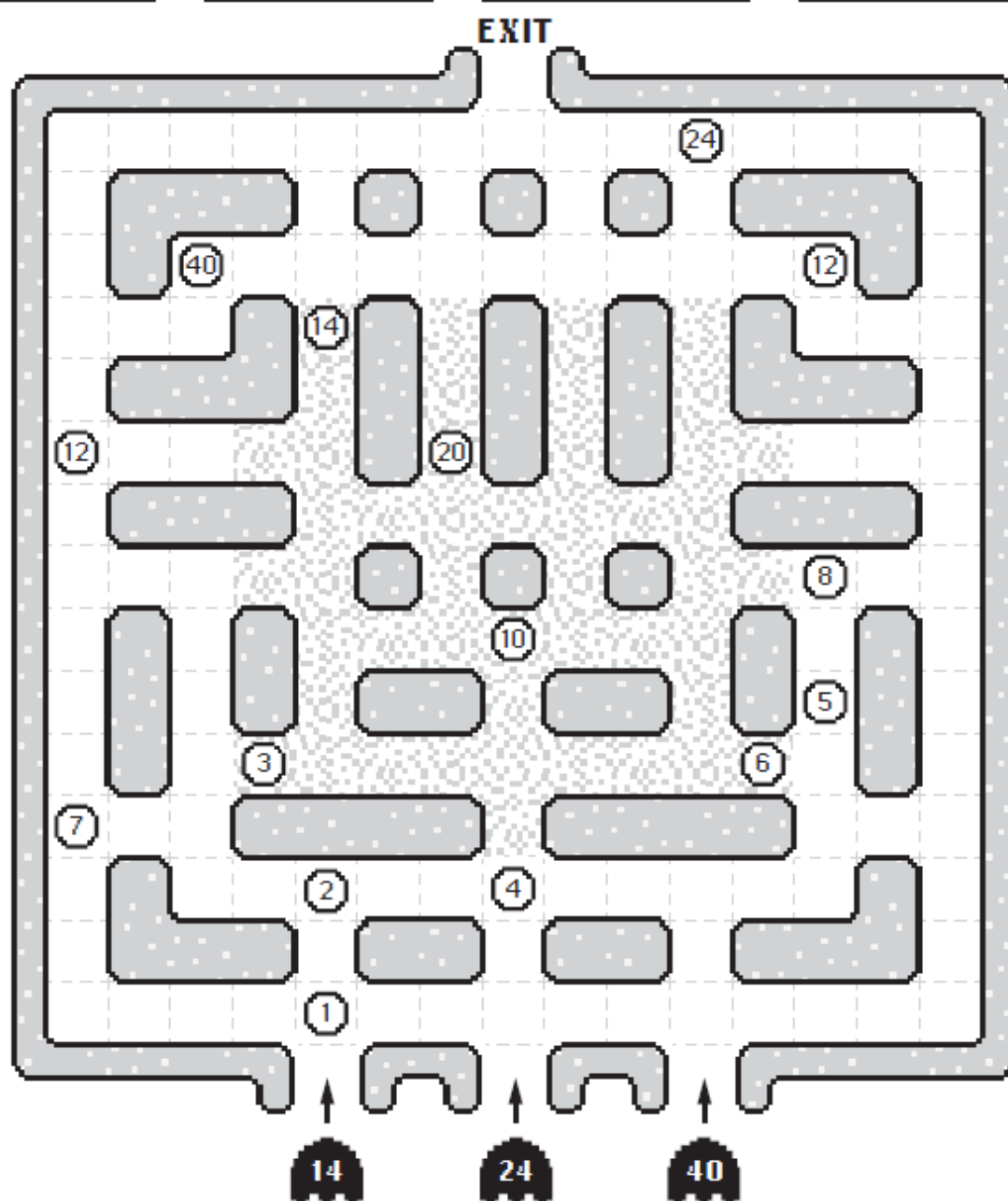
MATHS MAZE 2

Factors

The three players below need to enter the maze, collect their factors and exit the maze.
Beware of the Glitch Zone in the middle of the maze.

Maze Rules

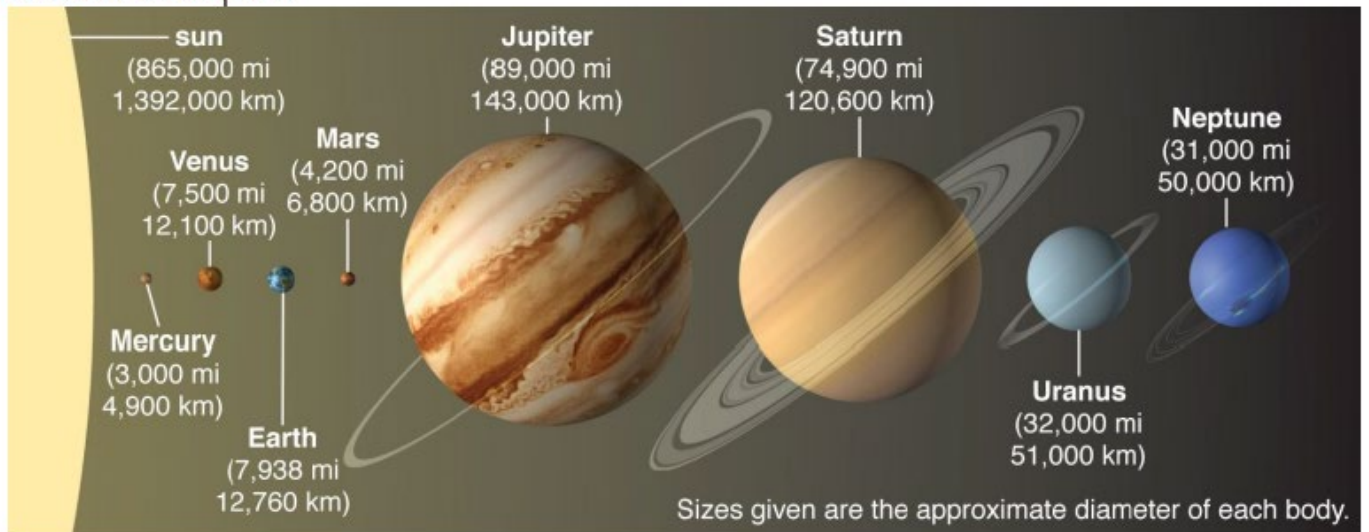
- 1 Moving through a square with a factor collects it.
- 2 Players must collect their own factors in ascending order.
- 3 Each player cannot move through the same square more than once.
- 4 Inside the Glitch Zone, the players' paths must not overlap.



Thursday - Science

Activity 4

Visual text examples:



Activity 6

Research facts about Earth. Complete the table with numerical answers under each heading.

Average distance from the sun	Size in relation to the sun	Days taken to orbit the sun	Order in the planets from the sun
Number of natural satellites	The largest/smallest terrestrial planet in the solar system	Size in relation to other planets in the solar system	Number of seasons caused by the sun
Circumference or equator	Is one of _____ terrestrial planets	Is one of _____ planets in the solar system	Number of Earth years to orbit sun

Friday – Mathematics

Ratio word problems

The company is holding a big event and needs to gather the statistics about the employees. Help by answering the questions, using ratios.

1. The ratio of male employees to female employees is 1:3. If there are 144 female employees in total, how many males are there?
2. 30 employees have children studying in grade school, and 10 employees have no children at all. What is the ratio of employees who have children studying in grade school to employees who have no children?
3. 45 employees are American, and 9 employees are Asian. What is the ratio of American employees to Asian employees?
4. 10 employees only eat vegetables and 25 employees eat meat. What is the ratio of the employees who only eat vegetables to employees who eat meat?
5. The ratio of employees who own a red car to employees who own a black car is 1:5. If there are 6 employees who own a red car, how many employees own a black car?
6. The ratio of employees who play musical instruments to employees who play sports is 3:20. If there are 40 employees who play sports, how many employees play musical instruments?

Ratio Word Problems (2)

If the problem asks for a ratio, give it in simplified form.

- | | |
|---|---|
| 1 | A jar contains 720 beans. Of all the beans, $\frac{5}{8}$ are pinto beans and the rest are azuki beans. What is the ratio of pinto beans to azuki beans? |
| 2 | A bag contains 30 marbles, some red and some green. The ratio of red marbles to green ones is 1 : 5. How many red marbles are there? |
| 3 | A truck is carrying tomato juice, pineapple juice, and grape juice bottles in a ratio of 3 : 3 : 2. If there are 54 pineapple juice bottles, then how many grape juice bottles are there? |
| 4 | In a cookie mix, we find butter cookies, thumbprint cookies, and walnut cookies in a ratio of 1 : 3 : 6. If a bag of the mix contains 19 butter cookies, how many thumbprint cookies are there? |
| 5 | A jar navy beans and pinto beans in a ratio of 1 : 2, and 200 of the beans are navy beans. How many beans in total are there in the jar? |

Friday – Reading

Sydney Harbour Bridge

What Is It?

The Sydney Harbour Bridge is a world-famous bridge in Sydney, New South Wales. It is located on Sydney Harbour. It connects the southern and northern shores of the Sydney Harbour and is used by thousands of motorists every day. Australians are proud of this iconic landmark. It is a popular tourist attraction with millions of visitors each year.

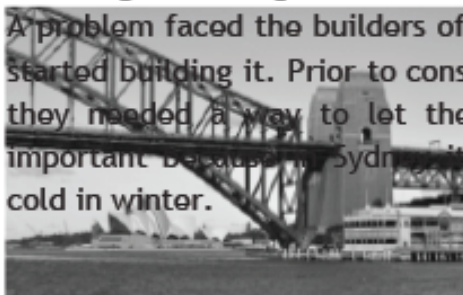


Why Was It Built?

The people of Sydney had needed a bridge to connect the southern and northern shores of the Sydney Harbour for a long time. It was too difficult and took too long to get from one side of the harbour to the other. Residents kept asking for one but it wasn't until the early 1920s that it was actually considered. In 1922, the New South Wales government finally decided to build a bridge. They began accepting design proposals from different engineering companies. They chose a bridge design by a talented engineer named Dr John Bradfield. It took eight years to build and opened by Jack Lang, the New South Wales premier, in 1932.

Building the Bridge

A problem faced the builders of the Sydney Harbour Bridge before they even started building it. Prior to construction of Sydney Harbour Bridge beginning, they needed a way to let the steel used in the bridge move. This was important because Sydney is extremely hot in summer and extremely cold in winter.



When steel gets hot, it expands (gets bigger) and when it gets cold, it contracts (gets smaller). The engineers designed special giant latches to allow the steel to move when it needed to in different temperatures. These latches allow parts of the bridge to move 18cm without collapsing on itself.

Interesting Facts

- The bridge is 1149 metres long.

- The road on the bridge is called the Bradfield Highway, named after its designer.
- People climb the bridge using special ropes, wires and clothing.
- It weighs 52,800 tonnes.
- It is nicknamed the 'coat hanger' because of its arched shape.

Questions

1. Where is the Sydney Harbour Bridge?

2. What is the purpose of the Sydney Harbour Bridge?

3. Who designed the Sydney Harbour Bridge?

4. How long did it take to build the Sydney Harbour Bridge?

5. True or False: The Prime Minister officially opened Sydney Harbour Bridge. Tick one.

☐ true

☐ false

6. Describe the problem the builders had before construction began.

7. How did they fix this problem?

8. Why is the bridge nicknamed the 'coat hanger'?

What Are Persuasive Devices?

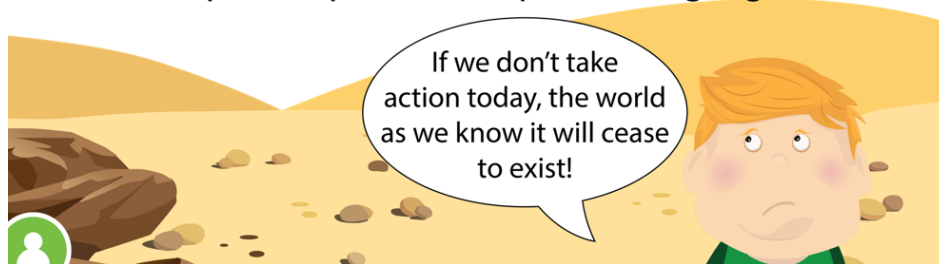
Persuasive devices are important tools which we can use to convince others to agree with our viewpoint.

Persuasive devices are used to:

- create a bond between the author and the reader or listener
- reinforce and emphasise the author's viewpoint
- appeal to the emotions of the reader or listener
- make the author seem knowledgeable, reliable and correct
- make other views seem foolish, dangerous and wrong.

Exaggeration

Exaggeration is used when giving information that is inflated or over the top. Exaggerating information can help to emphasise the point being argued.



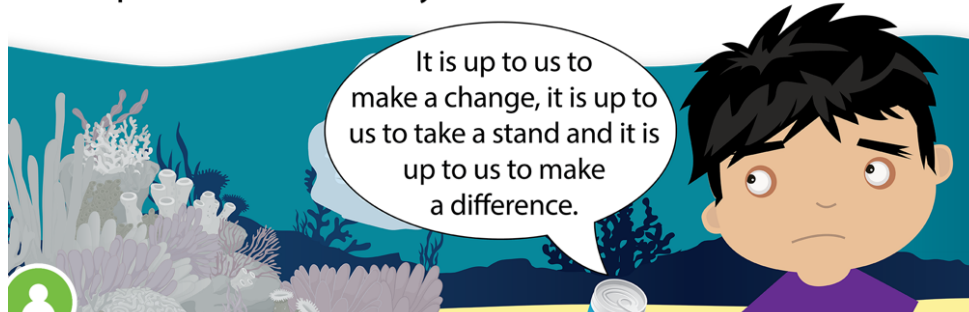
Modality

Modality is used to indicate the degree to which something is certain, possible or improbable.



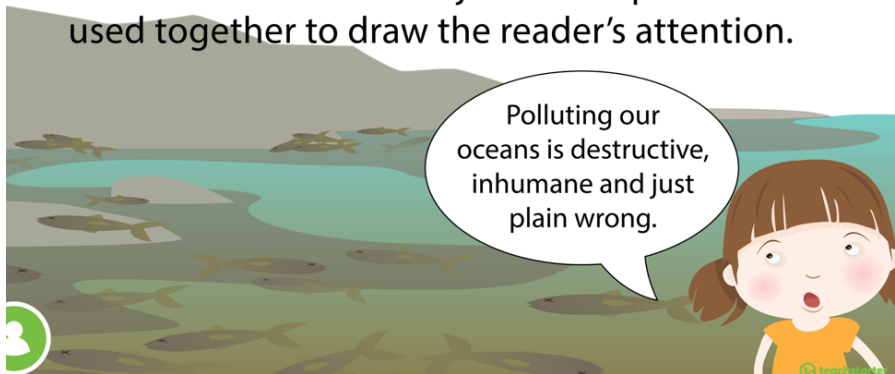
Repetition

Repetition is when important words or phrases are repeated so that they stick in the reader's mind.



Rule of 3

The rule of 3 is when 3 adjectives or phrases are used together to draw the reader's attention.



Statistics

Statistics are used to support your argument with real-life figures from relevant studies. They provide convincing evidence.



Opinion

Opinion is used to get the writer's thoughts or feelings about the topic across to the reader.



Rhetorical Questions

Rhetorical questions are asked just for effect or to emphasise a point. Directly answering the questions is not expected.

