

Stage 3 Flexible Learning Framework: Term 2 Week 3 2020

The framework from this week accommodates the Phase 1 attendance of students, including staggered break and earlier pick up times.

Students are advised to take Brain Breaks where needed.

Timeframes provided are to guide parents/carers as to the maximum duration for each session.

The weekly framework may be amended to suit the needs of students.

Zoom or other sessions with teachers may be scheduled with students at varying times during the day.

Feedback will continue for all students, however, with Phase 1 attendance, this may look differently for students, depending on the numbers of students on site.

| Monday | | | | | | | | | | | | | | | | | | | | | | | | |
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| 8:55am | Roll Call; Welcome | | | | | | | | | | | | | | | | | | | | | | | |
| 9:10am | English unit Bushfire Perspective: Today you will begin to write your first paragraph. You will be working on this description all week. Process: Use your Bushfire Character Perspective 5 senses graphic organiser from Friday to draft your paragraph. Refer to the various checklists and word walls from previous lessons. Make a copy of this paragraph before handing in. You will need this work to continue with next week. If you are working offline and are unable to make a copy – that’s fine; let your teacher know and just hang on to it until next week. Students working online – your teacher may have additional instructions on Google Classroom. | | | | | | | | | | | | | | | | | | | | | | | |
| 9:55am | Crunch ‘n’ Sip Break | | | | | | | | | | | | | | | | | | | | | | | |
| 10:10am | Mathematics Grid References Students working online – follow your class teacher’s instructions on Google Classroom. Students working offline – see powerpoint notes attached. | | | | | | | | | | | | | | | | | | | | | | | |
| 10:55am | Recess Break | | | | | | | | | | | | | | | | | | | | | | | |
| 11:25am | Language Conventions ★ Spelling & Vocabulary You will have 10 spelling words each week. This week’s words are listed below. <div><div>1. List the base words for each of the 5 ‘rule’ words.</div><div>2. Find 2 more words that fit this rule. Write down the base word followed by the word ending in -ly</div><div>3. What is the base word for behaviours?</div><div>4. What could the theme words be about?</div><div>5. You may like to use the catchup and/or additional activities time during the week to help you learn to spell any words you don’t already know.</div></div> <table><tr><td>Rule</td><td colspan="5">Adverbs -ly words to add detail to verbs. Double consonants to protect short vowels</td></tr><tr><td></td><td>actually</td><td>carefully</td><td>generally</td><td>gradually</td><td>physically</td></tr><tr><td>Theme</td><td>wellbeing</td><td>lifestyle</td><td>health</td><td>community</td><td>behaviours</td></tr></table> | | | | | | Rule | Adverbs -ly words to add detail to verbs. Double consonants to protect short vowels | | | | | | actually | carefully | generally | gradually | physically | Theme | wellbeing | lifestyle | health | community | behaviours |
| Rule | Adverbs -ly words to add detail to verbs. Double consonants to protect short vowels | | | | | | | | | | | | | | | | | | | | | | | |
| | actually | carefully | generally | gradually | physically | | | | | | | | | | | | | | | | | | | |
| Theme | wellbeing | lifestyle | health | community | behaviours | | | | | | | | | | | | | | | | | | | |
| 11:40am | Library Students working online – You will need to go to our class Library Google Classroom to access the task. Hand in on Friday. | | | | | | | | | | | | | | | | | | | | | | | |

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| | Students working offline – Begin the quiz attached |
| 12:10pm | Drama You will all portray a range of emotions through using different body language – ie using your body as well as facial expressions. Do as many of the following as you can. You may find it useful to look at yourself in the mirror as you do them, or even ask someone at home to have fun with you. You may prefer to record yourself. <ul style="list-style-type: none"> ▪ Gestures: Come up with as many ways to communicate non-verbally (eg: shrug, hands on hips, finger to lips, shake head, nod head, make a face, smile, wink). ▪ Silent Scene: Either record this or find someone who is willing to participate. Begin a non-verbal conversation with them about anything you wish, using any non-verbal gestures that are appropriate. See if they can work out what your conversation was about. ▪ Nonverbal Communication. Ask someone to create sentences for you or you could select a few sentences from any text. See if you can portray those sentences using non-verbal communication. ▪ Nonverbal Emotions. Give a wordless performance for one or more of the following emotions: Happiness, Sadness, Anger, Surprise, Fear, Jealousy, Boredom, Disgust, Nervousness, Excitement, Relaxation, Tenseness, Stress, Fatigue. |
| 12:50pm | Lunch Break |
| 1:30pm | Students in Benaud - your class teacher will give you a link and your username to complete the Tell Them From Me survey. When you have completed that, you can move on to Genius Hour. You can catch up on Genius Hour tomorrow, during Catch up/Optional Activities All other students - Genius Hour You should decide on your topic/area by the end of today. Review the questions from last week and add to them if you need to. Don't forget that you can keep adding appropriate questions at any time. Start to research answers to these questions. |
| 2:40pm | Pack up; upload work |
| Tuesday | |
| 8:55am | Roll Call; Welcome |
| 9:10am | English unit Students working offline - View the Setting Slide. Look at the language that describes the scene from the 1 st lesson this term. Think back about the work on adjectival phrases figurative language from the previous weeks. Now you are going to improve your paragraph, by adding figurative language, where appropriate. Students working online – You may be looking at the content on the Setting slide and relating back to the scene from the 1 st lesson and previous lessons on figurative language. You will then transform your description by utilising figurative language. Your teacher may provide additional instructions on Google Classroom to guide you. |
| 9:55am | Crunch 'n' Sip Break |
| 10:10am | Mathematics Routes using landmarks and directional language Students working online – follow your class teacher's instructions on Google Classroom. Students working offline – see powerpoint notes attached. |
| 10:55am | Recess Break |
| 11:25am | Current Affairs Watch BTN on ABC at 11:45am . Alternatively, you can watch on the BTN site - https://www.abc.net.au/btn/ Then answer the quiz questions for this week. |

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| | Students working online -Your teacher will upload the answers for you to self mark. Students working offline -The answers are attached |
| 12:10pm | Stage Dancing Individual Dancing – feel free to involve those who are at home with you today. Students working online – the audio files are in your class Google Classroom. You could also look for the clips of these songs on the internet – especially if you have forgotten the steps; this may assist you. Students working offline - See if your family have any recordings of the following so that you can do some of the individual dances. If you can't find these recording, you could still do the dance steps without music. Maybe you could find some music that fits the steps. <ul style="list-style-type: none"> • Macarena • Nutbush City Limits (Tina Turner) • Tell her about it (Billy Joel) • We like to party (Venga boys) • 5,6,7,8 (Steps) • Cha Cha Slide |
| 12:50pm | Lunch Break |
| 1:30pm | Students in Newcombe - your class teacher will give you a link and your username to complete the Tell Them From Me survey. When you have completed that, you can move on to Catch up/Optional Activities. All other students - Catch up/Optional Activities |
| 2:40pm | Pack up; upload work |
| Wednesday | |
| 8:55am | Roll Call; Welcome |
| 9:10am | English unit Go through the same process as you did, for your first perspective, to write another paragraph for your 2 nd perspective. You will hand both paragraphs in as a description of a bushfire on Friday. |
| 9:55am | Crunch 'n' Sip Break |
| 10:10am | Mathematics: Problem Solving Mrs Beach's Maths Games Team D – after you have completed the tasks on your class Google Classroom, go to the Team D Google Classroom to complete the task there. Students working online – follow your class teacher's instructions on Google Classroom. Students working offline – see powerpoint notes attached. Answers provided. |
| 10:55am | Recess Break |
| 11:25am | Reading Read a fiction text for at least 20 minutes. Write down 3 questions you would like to ask the author. Students working online – Follow your class teacher's instructions regarding the text, on Google Classroom. |
| 11:55am | PDH - From this week, PDH is only on Wednesdays. Your class teachers will now be overseeing the PDH Google Classroom. Ensure you submit your work today. |

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| | <p>Students working online – You will need to go to your class' PDH Google Classroom to access the task.</p> <p>Students working offline – Complete the following activities:</p> <p>Drug Safety</p> <ol style="list-style-type: none"> 1. What is a drug? Write you own definitions on what you believe a drug is. 2. Write a correct definition of what is a drug using a dictionary or the World Health Organisation website. 3. Brainstorm "What Drugs Can You Name?" – list your responses 4. Research and create a table of legal and illegal drugs. Some drugs may be placed in more than one category. For example, it is illegal for under 18 year olds to be sold cigarettes or alcohol, but adults can legally purchase them. 5. Make a collage using pictures or draw pictures and add captions, to indicate your awareness of helpful and harmful effects of legal drugs. |
| 12:50pm | Lunch Break |
| 1:30pm | <p>Students in Cuthbert - -- your class teacher will give you a link and your username to complete the Tell Them From Me survey. When you have completed that, you can move on to Catch up/Optional Activities.</p> <p>All other students - Catch up/Optional Activities</p> |
| 2:40pm | Pack up; upload work |
| Thursday | |
| 8:55am | Roll Call; Welcome |
| 9:10am | <p>English unit</p> <p>Continue working on your 2nd perspective. A reminder that you will hand both paragraphs in as a description of a bushfire on Friday.</p> |
| 9:55am | Crunch 'n' Sip Break |
| 10:10am | <p>Mathematics</p> <p>Relative Locations</p> <p>Students working online – follow your class teacher's instructions on Google Classroom.</p> <p>Students working offline – see powerpoint notes attached.</p> |
| 10:55am | Recess Break |
| 11:25am | <p>Reading</p> <p>Read any text of your choice.</p> <p>Students working online – Follow your class teacher's instructions regarding the text, on Google Classroom.</p> |
| 11:40am | <p>Science - From this week, Science is only on Thursdays.</p> <p>Water: Today you will continue to investigate how and why food and fibre are produced in managed environments</p> <p>You will need to answer the following questions.</p> <ol style="list-style-type: none"> 1. How is water used in agriculture? 2. What methods do farmers use to irrigate their crops? 3. What practices can be implemented so that water can be used more efficiently? <p>Students working online – Look at the powerpoint Science Week 3. If you don't have access to YouTube, you will need to open the videos your class teacher has provided on your Google Classroom. The link to the game is https://www.journey2050.com/play-the-game/</p> |

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| | Students working offline – Look at the powerpoint notes. |
| 12:50pm | Lunch Break |
| 1:30pm | Students in Gould – your class teacher will give you a link and your username to complete the Tell Them From Me survey. When you have completed that, work on your COVID-19 Time Capsule. You can continue with the time capsule at 2:15pm if you wish. All other students - COVID-19 Time Capsule Continue as last week |
| 2:15pm | Catch up/Optional Activities |
| 2:40pm | Pack up; upload work |
| Friday | |
| 8:55am | Roll Call; Welcome |
| 9:10am | English unit Finish proofreading and editing both paragraphs (both perspectives) and hand in today . |
| 9:55am | Crunch 'n' Sip Break |
| 10:10am | Mathematics Following Sequences Students working online – follow your class teacher's instructions on Google Classroom. Students working offline – see powerpoint notes attached. |
| 10:55am | Recess Break |
| 11:25am | Language Conventions Choose an activity to complete with the spelling words for this week. <ul style="list-style-type: none"> • Pictionary • Charades • Buzz Off • Start a pictorial dictionary – you could add to this each week or just do one for some words from this week • Wordsearch/Find-a-word – you could add to this each week, until you run out of space • Crossword puzzle - you could add to this each week, until you run out of space • Place the words in alphabetical order • Place the words in reverse alphabetical order • Dictionary meanings of other words you are not sure of • Find the number of syllables in the words. • Spelling City https://www.spellingcity.com/users/mgbeach. Go to Stage 3 Term 2 Week 3 and you can choose games to play. |
| 11:40am | Library Students working online – Submit this week's Library quiz on the Library Google Classroom. Students working offline – Complete the quiz. |
| 12:10pm | Sport |

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| | Select activities of your choice from the Sport Challenge Matrix. You may choose the same activities as last week, but it would be more beneficial to select at least one different one. |
| 12:50pm | Lunch Break |
| 1:30pm | Sport continued |
| 2:15pm | Catch up/Optional Activities |
| 2:40pm | Pack up; upload work |

Position

Term 2 Week 3

Grid References

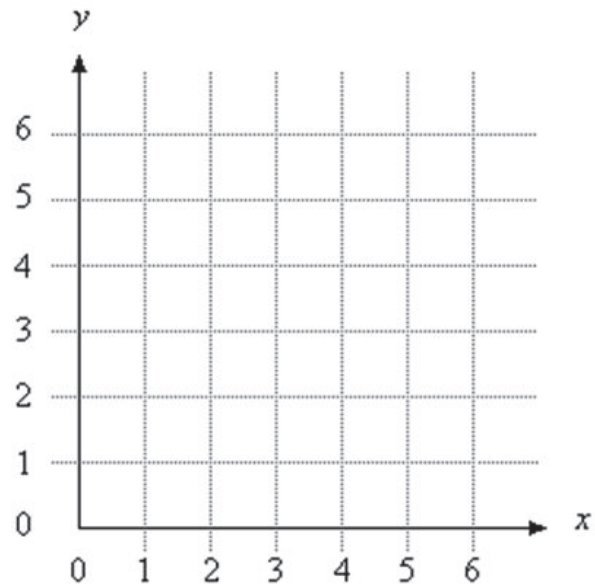
Monday Week 3

Grid References - Just Numbers

Grid references are locations that are given using coordinates.

Coordinates are a set of specific numbers or letters used to indicate where something is based on a grid or a map.

A basic grid consists of both an x-axis and a y-axis. On these axes, are numbers. Starting from the origin (0,0) the numbers grow.

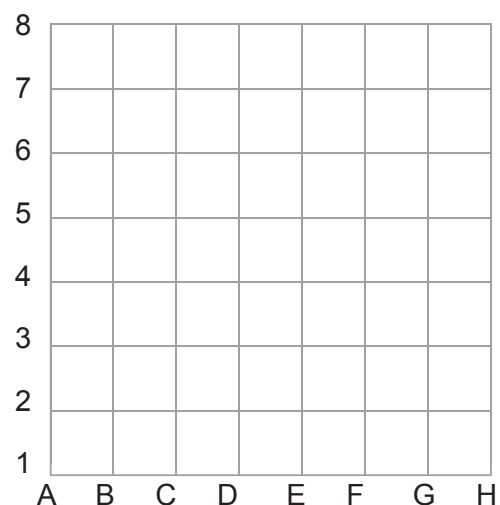


Grid References - Letters and Numbers

As mentioned on the previous page, some grids will use letters on one of the axes instead of numbers.

Before we used GPS navigation systems, we used street directories...some of you may still have one in your car.

These used letters on the x-axis and numbers along the y-axis.

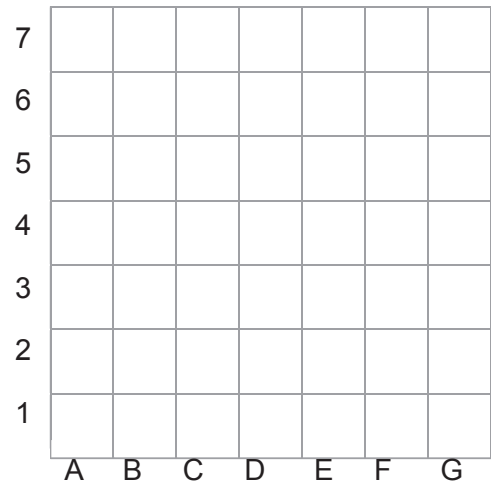


Grid References - In the Gaps

The previous two grids had the numbers and letters lined up against the horizontal and vertical lines.

Some maps use grid references where the letters are in the spaces.

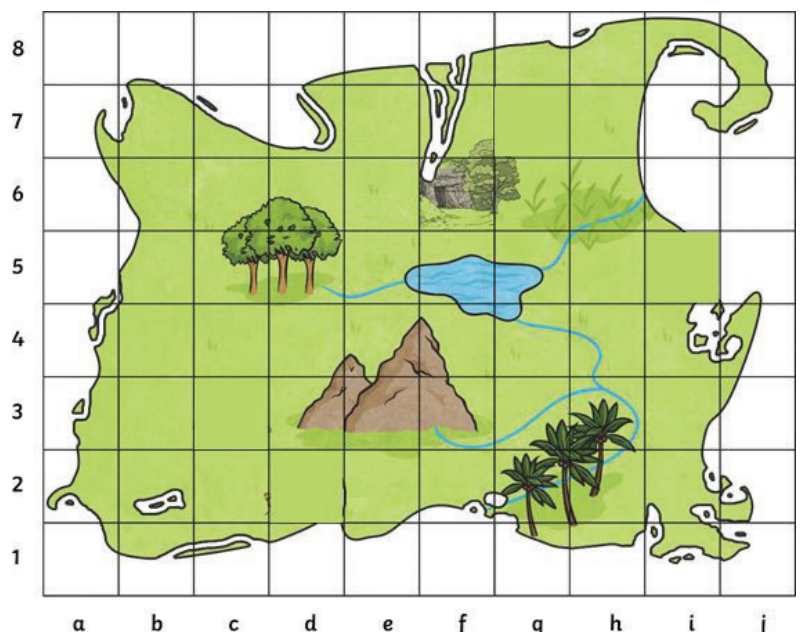
Think: What difference will that make when referring to a grid point? Which is more accurate?



Grid References - Task 1

Using the four images below, drag the appropriate image to the correct grid reference on the map:

- C3: Waterfall
- D2: Bridge
- I5: Camping Site
- G7: Bird Sanctuary

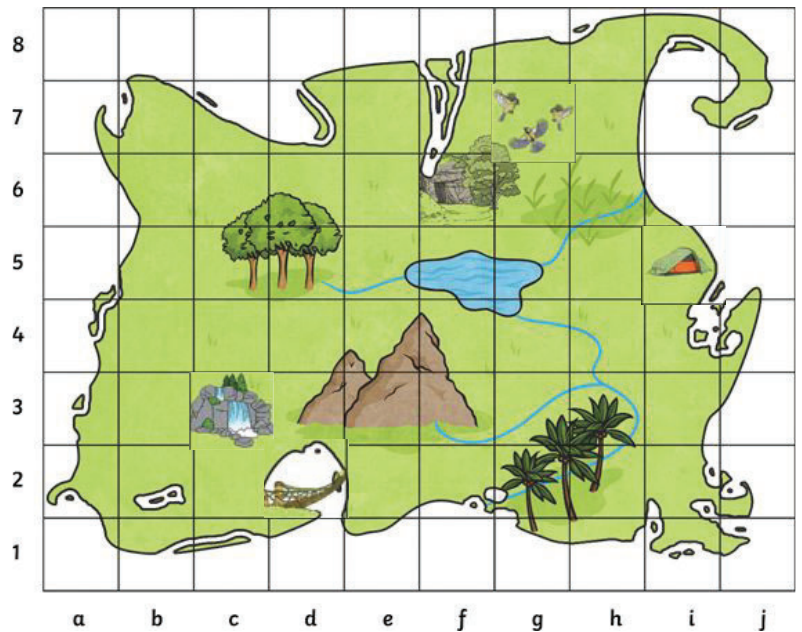


Answers

Grid References - Task 1

Using the four images below, drag the appropriate image to the correct grid reference on the map:

- C3: Waterfall
- D2: Bridge
- I5: Camping Site
- G7: Bird Sanctuary

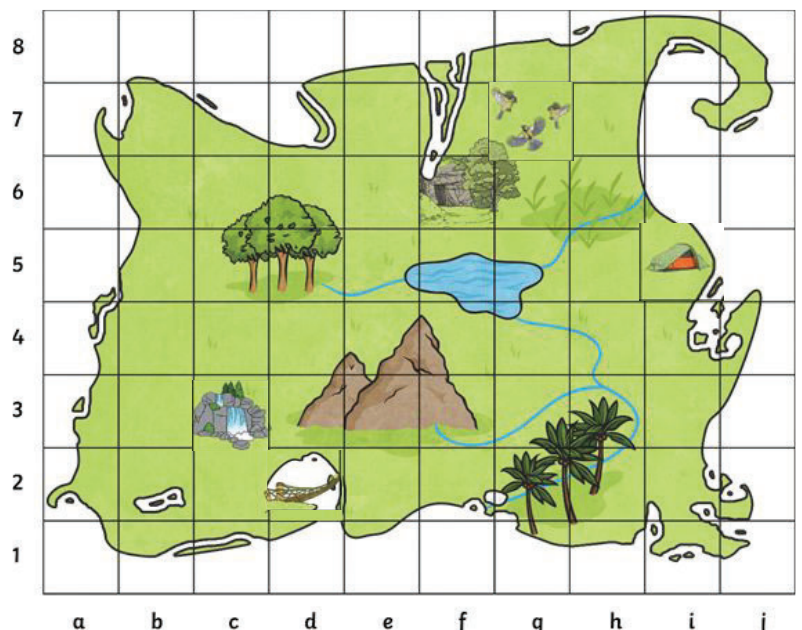


Grid References - Directional Language

Use directional knowledge to find some other grid references:

1. What is the grid south-west of the waterfall?
2. What is the grid reference to the left-hand side of the campsite?
3. What is the grid reference two squares below the bird sanctuary?
4. What is the grid reference four squares to the north of the bridge?

- 1.
- 2.
- 3.
- 4.

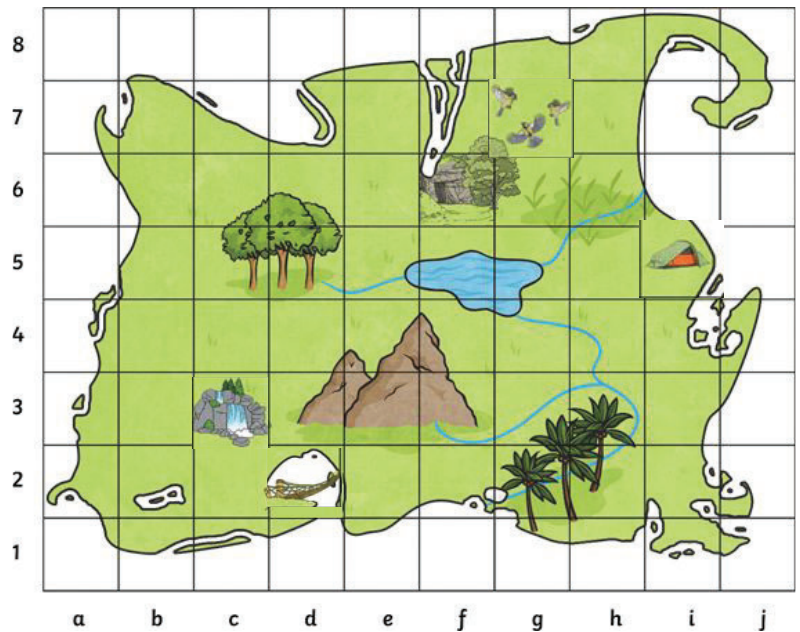


Answers - Grid References - Directional Language

Use directional knowledge to find some other grid references:

1. What is the grid south-west of the waterfall?
2. What is the grid reference to the left-hand side of the campsite?
3. What is the grid reference two squares below the bird sanctuary?
4. What is the grid reference four squares to the north of the bridge?

1. B3
2. H5
3. G5
4. D6



Routes Using Landmarks and Directional Language

Tuesday Week 3

Compass Points

Basic Directions - Compass

When giving someone directions of where to go, or where something is in relation to something else, we use directional language. These appear on a compass rose. The four most basic directions are:

- North, East, South, West

(read in a clock-wise direction)

Ways to remember:

Never Eat Soggy Wheet-bix

Never Eat Slimy Worms

Naughty Elephants Squirt Water



More Compass Points

To be more specific when giving directions, four new directions are included to give someone an indication of where to go or where something is.

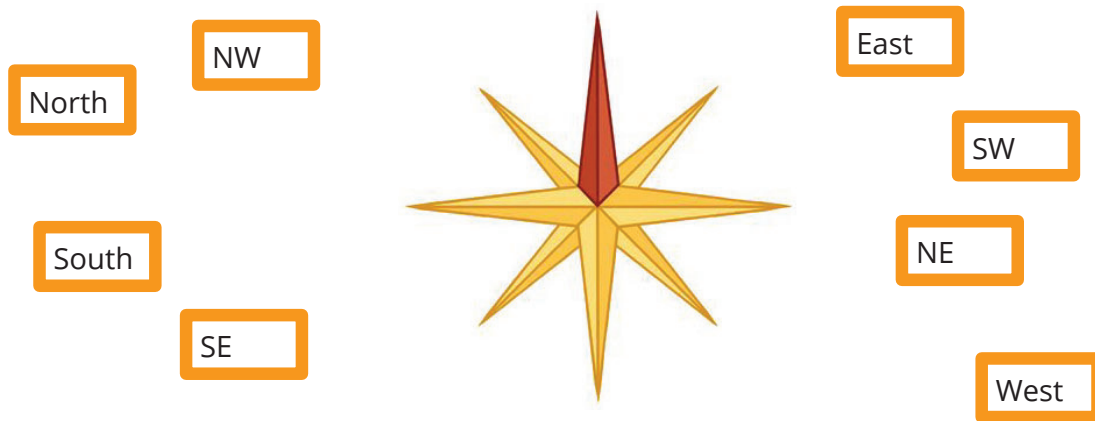
These fit exactly halfway between the four previous compass direction points.

Northeast, Southeast, Southwest and Northwest



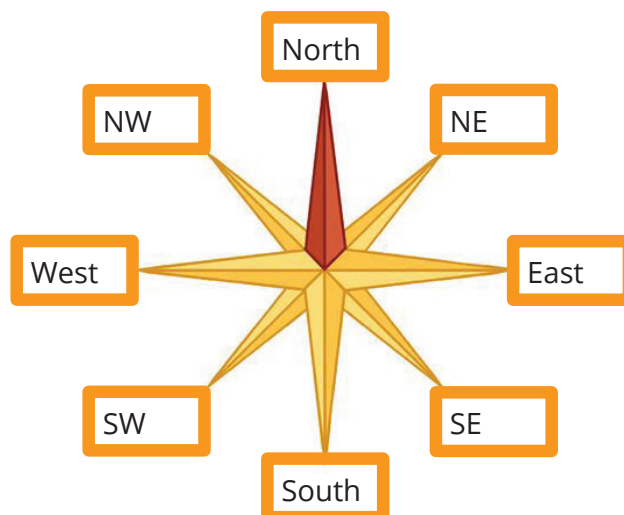
More Compass Points

Place the directions to the correct point on the compass rose.



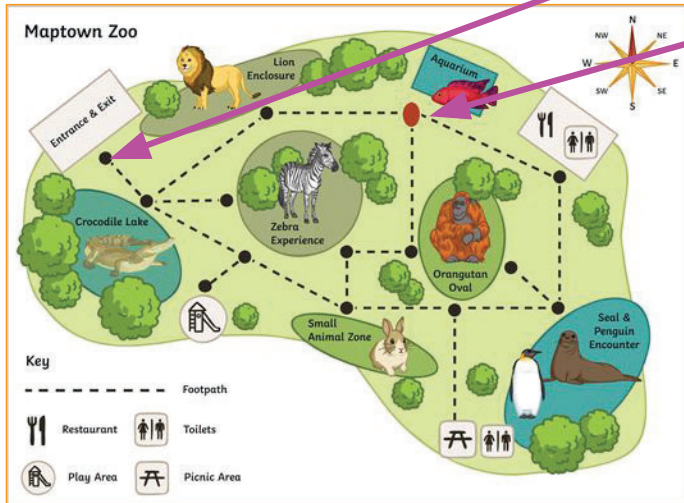
Answers - More Compass Points

Drag the below directions to the correct point on the compass rose.



Directions - Example

Describing how to get from the Entrance to the Aquarium



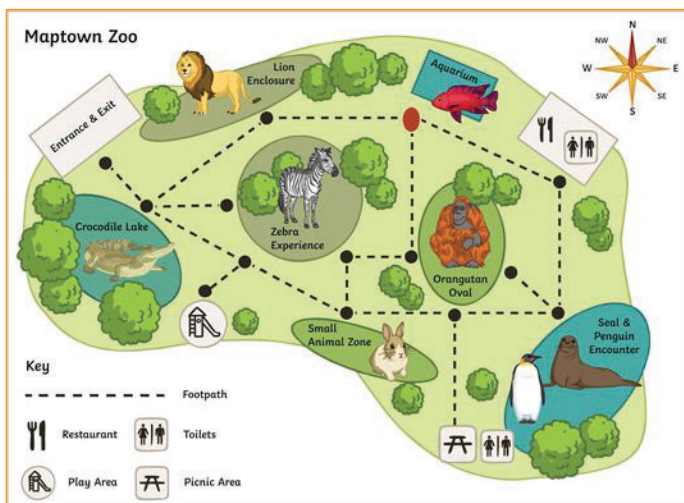
Walk **South-east** to the **Crocodile Lake**.

Turn **left** and walk **North-east** to the **Lion Enclosure**.

Continue **East** along this path until you come to the **Aquarium**.

Directions Task

Follow the directions below and write in the orange box where you end up.

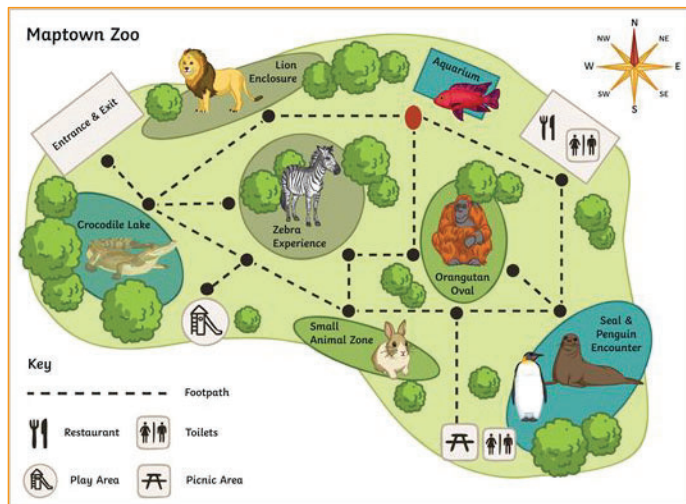


- Start at the zoo entrance.
- Walk south-east.
- Walk north-east.
- Walk east.
- Walk south.
- Walk west
- Walk south.
- Walk north-west
- Walk south-west

Where are you now?

Answers - Directions Task

Follow the directions below and write in the orange box where you end up.



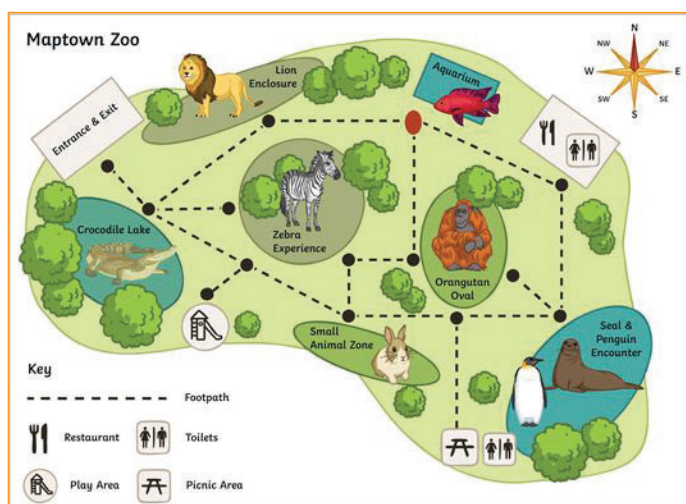
- Start at the zoo entrance.
- Walk south-east.
- Walk north-east.
- Walk east.
- Walk south.
- Walk west
- Walk south.
- Walk north-west
- Walk south-west

Where are you now?

Play Area

Directions Task 2

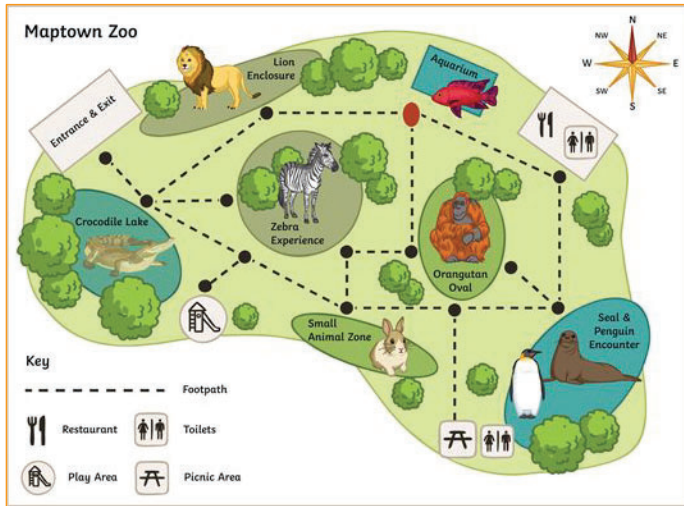
Using similar steps to the previous task, write directions from the Picnic Area to the Lion Enclosure



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Answers - Directions Task 2

Using similar steps to the previous task, write directions from the Picnic Area to the Lion Enclosure



- Walk North
- Walk East
- Walk North
- Walk North-West
- Walk West

2nd Path

- Walk North
- Walk West
- Walk North-West
- Walk North-West again
- Walk North-East

Problem Solving

Wednesday Week 3

Question 1

Tommy the Turtle crawls 3 inches every 2 seconds.

Sammy the Snail crawls 5 inches every 3 seconds.

The two pals have a race to see how long it will take to reach a fence 30 inches away.

How long will it take Tommy the Turtle to reach the fence?

How long will it take Sammy the Snail to reach the fence?

Who will win the race and by how many seconds will he win?

Q2

Question 2

There were several candy bars left over after the class party. The teacher let Davis bring them home because he had helped her with the decorations.

Davis ate 2 candy bars. He put the remaining ones into 6 bags making certain that each bag had the same number. He gave one bag to his sister and one to his friend.

Then Davis had 12 candy bars left.

How many candy bars did Davis have at first?

Q2

Question 3

Jason, Tim and Scott rented a sailboat.
The rental fee is \$5.00 for the first hour and \$3.00 for each additional hour.
The fee for partial hours is proportional to the hourly rate.
That means that a half hour would cost \$1.50 which is half of the hourly rate.
The boys rented the canoe at 10:00 am and brought it back to the rental shop at 3:20 pm. They decided to share the cost of the rental equally.

How much money did each boy pay?

Q2

Question 4

It is 7 miles from Tim's house to his grandmother's house.
It's uphill on the way there so he can only cycle at a speed of 14 miles per hour.
However, Tim can ride at a speed of 21 miles per hour on the way back.
Tim leaves his house at 6 pm.

How long can Tim visit his grandmother if he wants to arrive back home by 8 pm?

Q2

Relative Locations

Thursday Week 3

Relative to Another Location

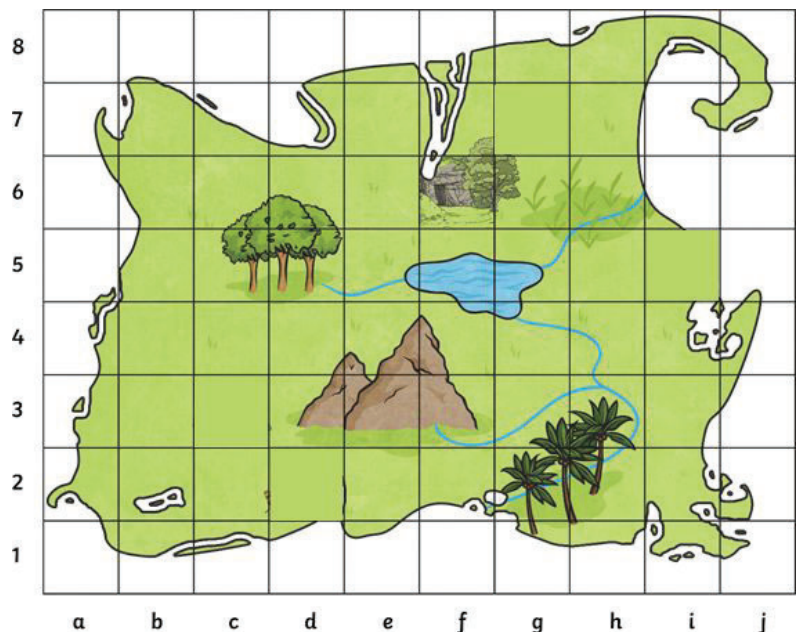
We can identify the location of one place when we relate it to another location that we know.

E.g. We can say that the mountains are south of the lake.

The forest is to the West of the lake.

The palm trees are to the South-east of the mountains

Etc.



Relative to Another Location

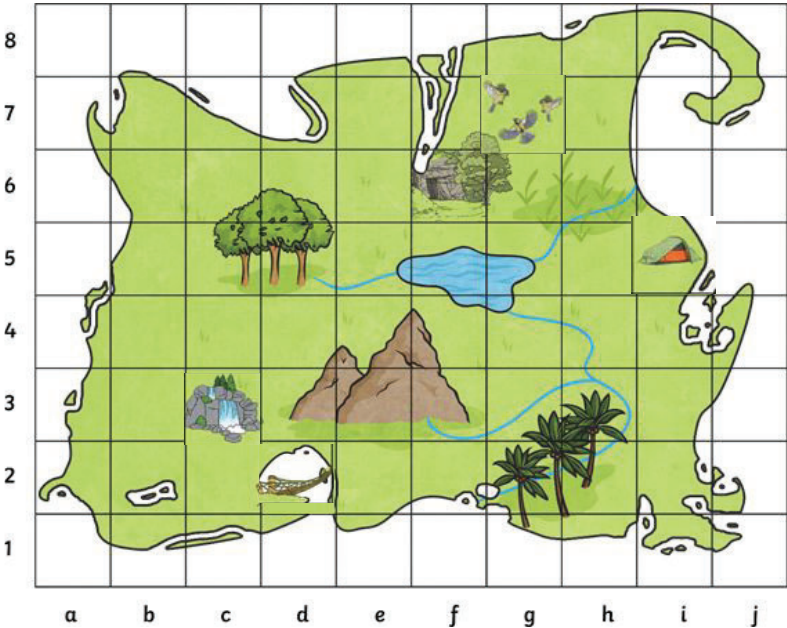
We can also determine the direction from one place to another.

E.g. What direction is it from the waterfall to the bird sanctuary?

You move in a North-east direction.

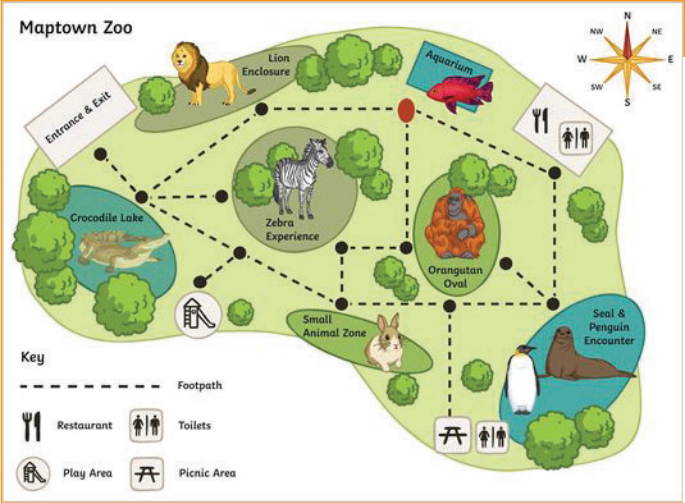
What direction is it from the bird sanctuary to the camp site?

South-east



Directions Task

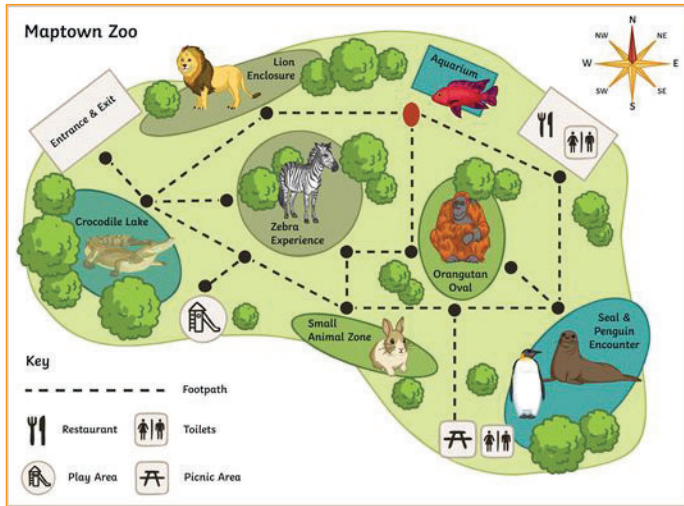
Write the correct relative locations in the orange box:



- a. The Lion Enclosure to the Aquarium?
- b. Orangutan Oval to the Picnic Area?
- c. The Restaurant to the Aquarium?
- d. Crocodile Lake to the Entrance?
- e. Orangutan Oval to the Aquarium?
- f. Zebra Experience to the Play Area?
- g. Crocodile Lake to the Lion Enclosure?
- h. Zebra Experience to Orangutan Oval?

Answers - Directions Task

Write the correct relative locations in the orange box:



- The Lion Enclosure to the Aquarium?
- Orangutan Oval to the Picnic Area?
- The Restaurant to the Aquarium?
- Crocodile Lake to the Entrance?
- Orangutan Oval to the Aquarium?
- Zebra Experience to the Play Area?
- Crocodile Lake to the Lion Enclosure?
- Zebra Experience to Orangutan Oval?

- East
- South
- North-West
- North-West
- North
- South-West
- North-East
- East

Extension - Be careful

- Perth to Darwin
- Adelaide from Hobart
- Sydney to Ayers Rock
- Cairns from Melbourne
- Townsville via Canberra
- Perth to Adelaide.
- Melbourne from Canberra
- Hobart to Darwin

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Answers - Extension - Be careful

1. Perth to Darwin
2. Adelaide from Hobart
3. Sydney to Ayers Rock
4. Cairns from Melbourne
5. Townsville via Canberra
6. Perth to Adelaide.
7. Melbourne from Canberra
8. Hobart to Darwin



1. North-east
2. North-west
3. North-west
4. North
5. North
6. East
7. South-west
8. North-west

Following Sequences

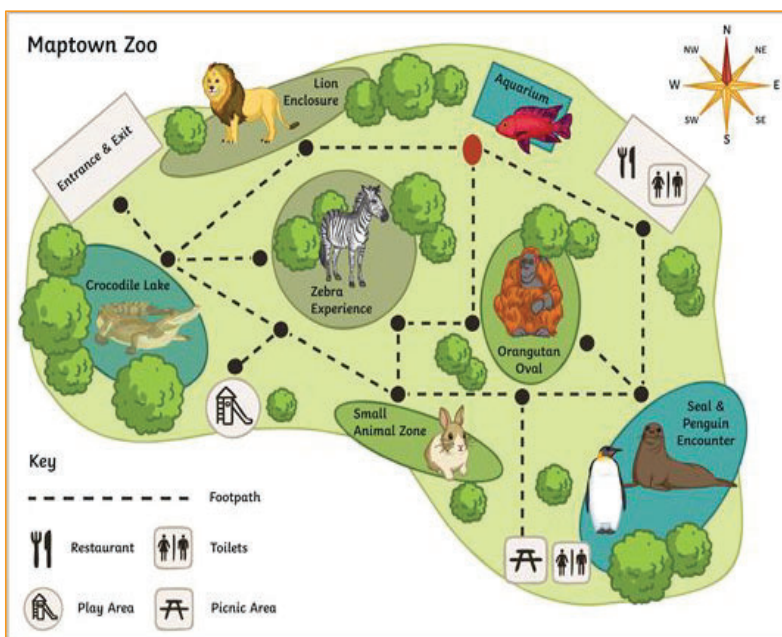
Friday Week 3

Giving Directions

In order to give people directions you can use directional language such as left, right and forwards OR compass directions like north and south AND you can use landmarks or street names to help people reach their destination.

As well as using this language, you (the direction giver) need to be aware which way your friend would be facing. It is important to keep track of all the turns you take so you don't accidentally tell them to turn when they're already facing that direction.

Maptown Zoo - Multiple



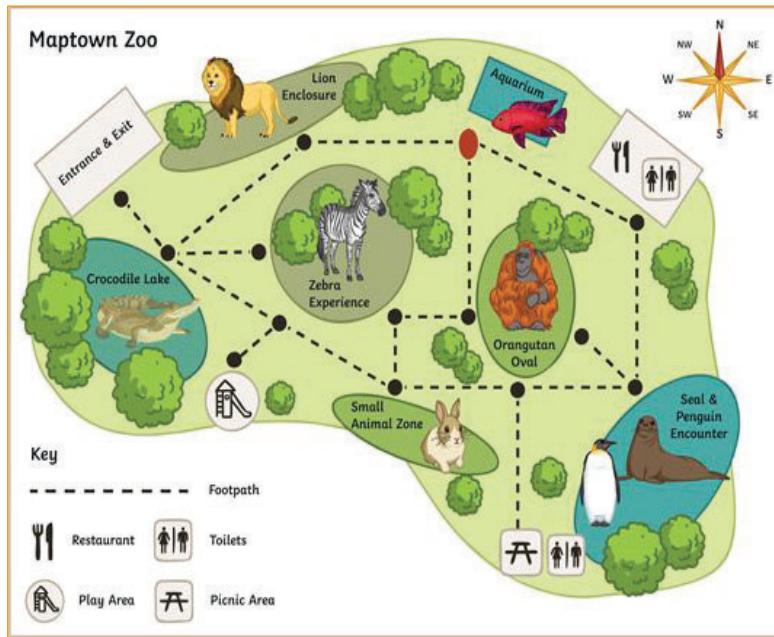
Directions from Crocodile Lake:

Move North-east past the Lion Enclosure, turn slightly to the right and go to the Aquarium.

Turn right and walk towards the Orangutan Oval. Once there turn right and walk then turn left...where are you?

If you are at the Small Animal Zone then congratulations!

Giving Directions



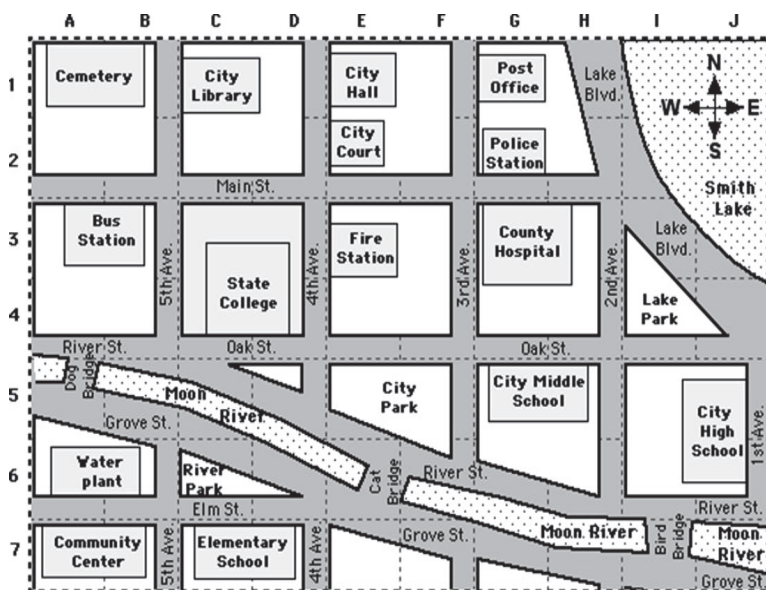
Directions from the Picnic Area:

Walk North. When you reach the Orangutan Oval turn East until you reach the Seal and Penguin Encounter.

Turn left, then left again. Continue moving forwards until the next animal enclosure.

Turn left twice, where are you?
You should say the Zebra Experience.

Giving Directions



Give Directions between the following locations (make sure to use directions and landmarks):

- Cemetery - City Park
- City Hall - Water Plant
- Elementary School - Smith Lake
- City High School - Bus Station

Answers:

Cemetery - City Park

Move South along 5th Ave. Turn East when you get to Oak St. Continue straight on Oak St past the State College on your left. The City Park will then be on your right.

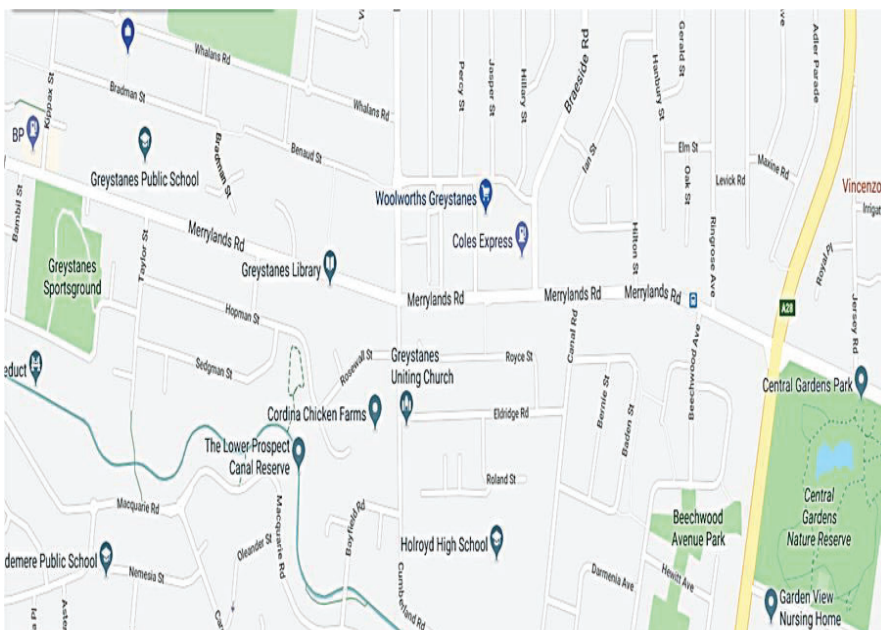
City Hall - Water Plant

Move South down 4th Ave. Turn West when you get to Oak St and continue until you get on to River St. Move South on the Dog Bridge. Move South-east on Grove St, then south on 5th Ave, then turn right onto Elm St

Elementary School - Smith Lake

Move East along Elm St. Go North-east up the Cat bridge, turn right onto River St and then a quick left turn onto 3rd Ave. Move North up 3rd Ave until you can turn east onto Oak St. Continue on Oak past the Lake Park onto Lake Blvd. Turn left. The lake is on your right.

Giving Directions Extension - Greystanes



Give Directions between the following locations (make sure to use directions and landmarks):

- Greystanes Public School to Holroyd High School
- Woolworths to Beechwood Avenue Park
- Greystanes Uniting Church to BP

Answers:

Greystanes Public School to Holroyd High School

Move East along Merrylands Rd, going past the Greystanes Library which will come up on your right. Turn right onto Cumberland Rd and continue South. Halfway down the road Greystanes Uniting Church will be on the left, continue South and you will come to Holroyd High School on your left.

Woolworths to Beechwood Avenue Park

Exit the Woolworths onto Merrylands Rd and turn East. Continue along Merrylands Rd turning at the second street on the right which is Beechwood Avenue. Continue South on Beechwood Avenue Park.

Greystanes Uniting Church to BP

Move North along Cumberland Rd. Turn West at Merrylands Rd. Continue along Merrylands Rd going past Greystanes Library on the left and Greystanes Public School on the right. The BP is on the corner of Merrylands Rd and Kippax St.



1. Rank the states and territories in order of area.
2. Now rank them in order of population.
3. These islands form a group known as the Tiwi Islands. The largest one is the second largest island off the Australian mainland. What is it called?

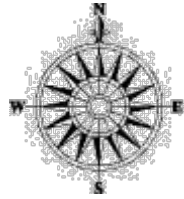


4. Which Australian has won the most Academy Awards (aka The Oscars)?
5. Is it further to travel between the east-west or the north-south extremities of mainland Australia?
6. In July, how many time zones are there across Australia?
7. Which city stands on an area of land that John Batman purchased from the Dutigallar tribe for an annual payment of axes, knives, blankets, flour and other goods?
8. What is the name of the ocean current that regularly brings drought conditions to eastern Australia?
9. In my pocket I have just three coins - they total \$1.60 - what are they?
10. Which capital city is named after the author of *Origin of the Species*?
11. In which year did the ANZAC forces first land at Gallipoli?
12. What is the name of the red, white and blue pattern in the top-left quarter of our flag?



13. Which country has that insignia as its entire flag?
14. Who was the first person to circumnavigate Australia and prove that it was one main island?

15. Which ancient supercontinent comprised Antarctica, South America, Africa, India, and Australia?
16. If you travelled from Darwin to Adelaide, which is the main direction you would travel?



17. Which Australian author has a series of books about TooCool and another about Billy Kool?
18. Which river forms the main border between New South Wales and Victoria?
19. The streets in Palmerston, ACT have names such as Lofty, Bimberi, Octy, Cradle and Kosciuszko. What is the key connection between the names?
20. Why are the Australian television awards called the "Logies"?



It's cooler now so this week I have travelled to Australia's fourth largest state and I'm visiting an area which is one of the most remote in Australia. I have had to fly to Coober Pedy and then driven in a 4WD for two hours to William Creek where I've joined a tour to take me to this desert landscape.

Usually I could stand and see nothing but glittering salt crystals with their strange pink hue for as far as my eyes can see but, sometimes this place comes to life with hundreds of thousands of waterbirds, such as pelicans, silver gulls, red-necked avocets, banded stilts and gull-billed terns because it is a breeding site for these species. I have to be lucky though for there has to have been enough rain in the region to flood the water channels and that only happens every few years. Even though the area is the catchment for three states and the Northern Territory it has only been filled to capacity three times in the last 160 years!





Covering 11,088 square km altogether, it comprises two main areas one 64km long and 24km wide and the other 144km long and 77km wide, which, at 15.2 metres below sea level, is the lowest point in Australia. The two areas are joined by the Goyder Channel. Because it is so shallow, any water evaporates in the desert heat leaving only salt making a flat surface ideal for trying to create world land-speed records.

The place was named after the European explorer who first saw it in 1840 but its official indigenous name is Kati-Thanda.

Where am I?

Describing the Setting - Example

Phrases which appeal to the five senses

| I can see...  | I can hear...  | I can smell...  | I can feel...  |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• stark and desolate place• wisps of white cloud• turquoise-blue sky | <ul style="list-style-type: none">• gentle pattering of rain | <ul style="list-style-type: none">• a dusty odour | <ul style="list-style-type: none">• hot, blazing sun• scorching and oppressive• hot desert floor |



Describing the Setting - Example

Phrases which use imagery

| Simile/Metaphor (comparing objects) | Personification (human characteristics) | Onomatopoeia (sound words) |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <ul style="list-style-type: none">• draped thickly over the land like a blanket• sat as still as statues | <ul style="list-style-type: none">• thirsty, barren earth• unforgiving landscape• rocks, the sole inhabitants• scribbled lazy patterns | <ul style="list-style-type: none">• gentle pattering of rain |




| |
|------------------------------------|
| Bushfire Perspective Character Two |
|------------------------------------|


Student Name: _____

| Character |
|-----------|
|-----------|


I can see...

A large, stylized black and white illustration of a human eye. The eye is looking slightly upwards and to the right. It has a large, dark iris and a prominent white highlight. The eyelids are thick and black, with long, curved eyelashes on the upper lid. The overall style is simple and graphic.


I can hear...



I can smell...

A simple line drawing of a nose, showing the bridge and nostrils.

I can touch...



I can taste...

[illegible]

Weekly Quiz

1. Which of the following is being trialled by Australian researchers as a way of reducing the spread of Covid-19 amongst health workers and patients?
 - a. adapted snorkel masks
 - b. nose plugs used by divers
 - c. an antiseptic humidifier
2. Leaders across Europe are marking the 75th anniversary of VE Day. What is VE day?
 - a. the end of WW1
 - b. the date in 1945 when the Nazi's surrendered
 - c. the date when the UK joined the European Union
3. Why was South India's city of Vishakhapatnam, in the news last week?
 - a. it was hit by severe flooding
 - b. a gas leak at a chemical factory affected over 1,000 people
 - c. a herd of elephants went on a rampage through the city centre
4. True or false, research in the US has found obese COVID-19 patients are more likely to need treatment in the ICU?
5. Why were three Gold Coast Titans players stood down last week?
 - a. they refused to have flu shots
 - b. they have been openly flaunting social distancing rules
 - c. they have tested positive for illegal performance enhancing drugs
6. Who is reported to have named their newborn son X Æ A-12?
 - a. Canadian rapper, Drake
 - b. Tesla boss, Elon Musk
 - c. Australian comedian, Chris Lilley
7. The world's largest hornet, has been found in the US. With an average body size of around 5cm the hornet has been dubbed the ...?
 - a. Murder hornet
 - b. Godzilla hornet
 - c. Hulk hornet
8. NSW's Premier Gladys Berejiklian, announced that cafes and restaurants will be able to have ...?
 - a. up to ten people dining in
 - b. up to 50 people dining in
 - c. any number of people dining in as long as they are seated and they give their contact details
9. Who has been exchanging military fire along their country's borders recently?
 - a. North and South Korea
 - b. Ukraine and Russia
 - c. Romania and Austria
10. Just days after being named as a billionaire by Forbes magazine, Kanye West has spent \$US225,000 on ...?
 - a. gold embossed toilet paper
 - b. buying his childhood home
 - c. a face mask designed by NASA
11. There has been a lot of talk about PPE during the coronavirus pandemic. What does PPE stand for?
12. Why has Harry Potter star Daniel Radcliffe been in the news?
 - a. he announced he will star in a new Marvel film
 - b. he has recorded himself reading Harry Potter for a new lockdown reading initiative
 - c. he announced he is writing his own children's book
13. Who said they were pleased to hear that Australia's horse racing is still running, during a phone call to Scott Morrison last week?
 - a. Donald Trump
 - b. Jacinda Ardern
 - c. The Queen
14. What type of workplace has had a significant COVID-19 outbreak in Victoria?
 - a. a law firm
 - b. a meat works
 - c. an IT company
15. What is the largest national park in Australia?
 - a. Kakadu
 - b. Blue Mountains
 - c. Karijini National Park

Weekly Quiz - Visual

1



Which Australian is shown here in his younger days?

2



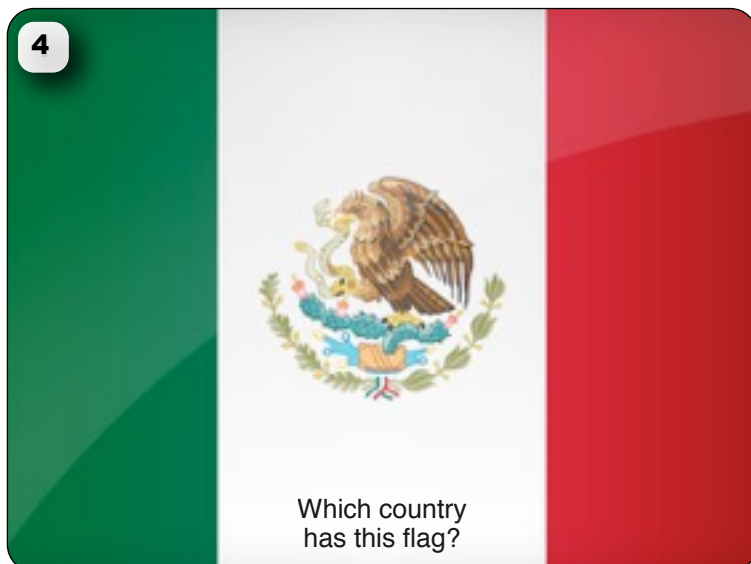
Which famous British artist has donated this artwork?
a. Damien Hurst b. David Hockney c. Banksy

3



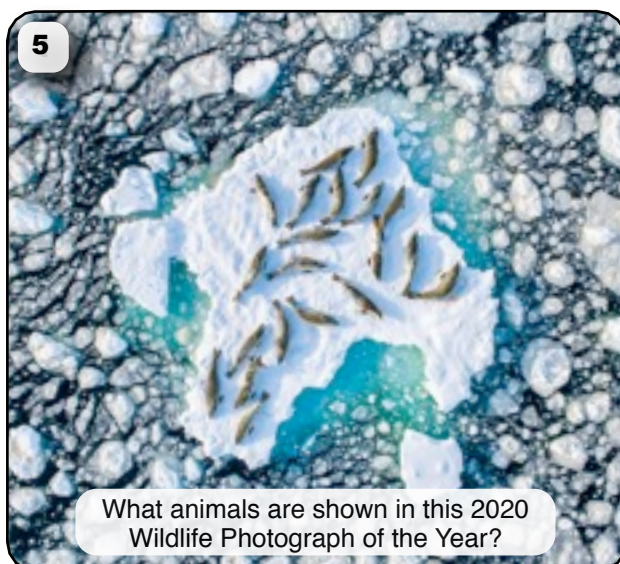
What is the name of this famous landmark that is set to reopen to visitors?
a. The Colosseum b. The Acropolis c. The Hagia Sophia

4



Which country has this flag?

5



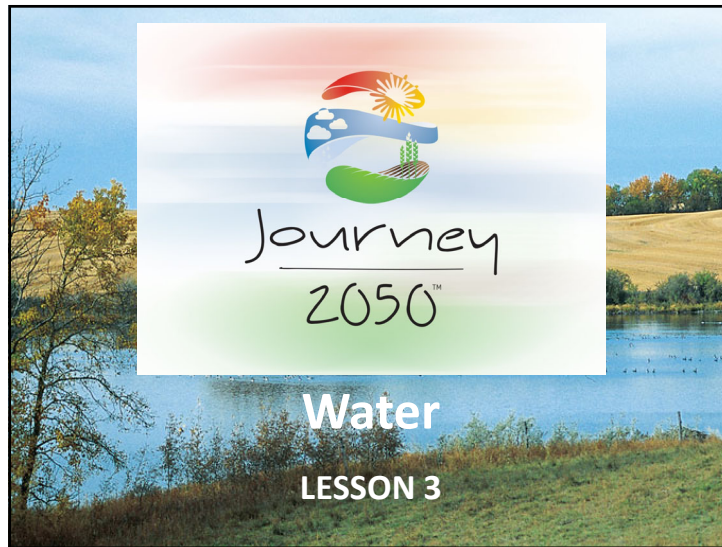
What animals are shown in this 2020 Wildlife Photograph of the Year?

Weekly Quiz - Answers

1. Which of the following is being trialled by Australian researchers as a way of reducing the spread of Covid-19 amongst health workers and patients?
a. adapted snorkel masks - The adapted recreational snorkel mask allows for the delivery of oxygen while simultaneously filtering air as it is exhaled, limiting the spread of contaminated droplets.
2. Leaders across Europe are marking the 75th anniversary of VE Day. What is VE day?
b. the date in 1945 when the Nazi's surrendered - VE Day - or 'Victory in Europe Day' - marks the day towards the end of World War Two when fighting against Nazi Germany in Europe came to an end. VE was not the end of World War Two, as imperial Japan was not defeated by the Allies until August 1945.
3. Why was South India's city of Vishakhapatnam, in the news last week?
b. a gas leak at a chemical factory affected over 1,000 people - A gas leak at a chemical factory owned by a South Korean company in southern India has left at least 11 people dead and about 1,000 struggling to breathe. The leak was suspected to have come from large tanks left unattended because of the strict coronavirus lockdown over the past six weeks.
4. True or false, research in the US has found obese COVID-19 patients are more likely to need treatment in the ICU?
True - New research suggests that being overweight or obese could make the impacts of COVID-19 more severe, particularly for those aged under 60. The US Centers for Disease Control now lists people who are severely obese as being at a higher risk of complications from COVID-19.
5. Why were three Gold Coast Titans players stood down last week?
a. they refused to have flu shots - Queensland's Chief Health Officer spoke with the NRL before a decision was made about the three Titans players. Prime Minister Scott Morrison said he continued to support the "no jab, no play" approach.
6. Who is reported to have named their newborn son X Æ A-12?
b. Tesla boss, Elon Musk - Elon Musk and his partner Grimes recently welcomed X Æ A-12 into the world. Musk said the name is pronounced, "just the letter X and then the Æ is pronounced Ash. A-12 is my contribution.... Coolest plane ever."
7. The world's largest hornet, has been found in the US. With an average body size of around 5cm the hornet has been dubbed the ...?
a. Murder hornet - The Asian giant hornet has an appetite for honey bees and their stings are big and painful, with a potent neurotoxin. They can sting through bee-keeping suits and multiple stings can kill humans, even if they are not allergic.
8. NSW's Premier Gladys Berejiklian, announced that cafes and restaurants will be able to have ...?
a. up to ten people dining in - Restrictions are being eased in NSW with outdoor gatherings of up to 10 people permitted and people can have five visitors at any one time. But New South Wales does not intend to follow the National Cabinet's plan to permit local and regional travel.
9. Who has been exchanging military fire along their country's borders recently?
a. North and South Korea - North and South Korean troops exchanged fire along their tense border the South's military said, the first such incident since the rivals took unprecedented steps to lower front-line animosities.
10. Just days after being named as a billionaire by Forbes magazine, Kanye West has spent \$US225,000 on ...?
b. buying his childhood home - Kanye's late mother, Donda West, bought the home in Chicago's South Shore neighbourhood in the early 1980s and sold it in 2004. The house is in need of a lot of repair and West has not announced his plans for it yet.
11. There has been a lot of talk about PPE during the coronavirus pandemic. What does PPE stand for?
Personal Protective Equipment - PPE is anything used or worn by a person (including clothing) to minimise risks to the person's health and safety. This may include respiratory protective equipment, eye protection, protective clothing, hair covers, face masks, face shields or disposable gloves.
12. Why has Harry Potter star Daniel Radcliffe been in the news?
b. he has recorded himself reading Harry Potter for a new lockdown reading initiative - Daniel Radcliffe delighted fans by returning to the world of Harry Potter to record himself reading the first chapter from JK Rowling's first book in a lockdown reading initiative Harry Potter At Home.
13. Who said they were pleased to hear that Australia's horse racing is still running, during a phone call to Scott Morrison last week?
c. The Queen - The Queen rang to congratulate Australia on its success in handling the coronavirus pandemic. Scott Morrison said our recovery from the bushfires was also a key area of interest for her, as well as the ongoing drought. She was particularly pleased to hear that horse races were still running.
14. What type of workplace has had a significant COVID-19 outbreak in Victoria?
b. a meat works - As of Sunday, the coronavirus cluster linked to Melbourne abattoir Cedar Meats had spread to 75 cases.
15. What is the largest national park in Australia?
a. Kakadu - Located 240 kilometres east of Darwin in Australia's tropical north, Kakadu National Park is Australia's largest terrestrial national park, covering almost 20,000 square kilometres. Kakadu's beauty and ancient cultural heritage was recognised internationally in 1981 when it was added to the World Heritage list.

VISUAL ANSWERS

1. **Scott Morrison** - The Prime Minister was born on the 13th May 1968, in Waverley, New South Wales.
2. **c. Banksy** - The image from the mysterious street artist pays tribute to healthcare workers, depicting a child playing with a new favourite superhero - a nurse. It has been donated to the Southampton general hospital and will eventually be sold for charity. Banksy has also hit headlines for creating one of his works at home during lockdown. It features 'rats' running riot in his bathroom.
3. **b. Greece** - The Acropolis of Athens is an ancient citadel located on a rocky outcrop above the city of Athens and contains the remains of several ancient buildings of great architectural and historic significance, including the Parthenon. The Greek government has said The Acropolis and other ancient sites in Greece will reopen May 18 and museums will end their lockdown June 15.
4. **Mexico**
5. **Seals** - French photographer Florian Ledoux took the winning photo, entitled Above the Crabeater Seals, in Antarctica. Mr Ledoux beat 7,000 other entries from 117 different countries to win Nature TTL Photographer of the Year 2020.



WORLD OF WATER

Imagine if a 3L ice cream bucket is filled it represents the entire Earth's water supply which includes oceans, seas, lakes, rivers, underground water, frozen as ice in glaciers.






Scoop half a cup of water from the ice cream bucket and that is less than 3% of the total water on earth. This represents all the freshwater in the world.

Now, with an eyedropper, place one drop of water from that half cup onto a plate or surface. This one drop represents the freshwater that is actually usable. The rest of the water in the half-cup is deep groundwater, water bound up as soil moisture, water in living things or water in the atmosphere.

Journey 2050
© Environment Canada, 2004

WORLD OF WATER

[Watch the Journey 2050 Water Video](#)








As you watch, discover:

- How is water used in agriculture?
- What methods do farmers use to irrigate their crops?
- What best practices can be implemented to use water more efficiently in agriculture?

Journey 2050

HOW IS WATER USED IN AGRICULTURE?



Journey 2050

HOW IS WATER USED IN AGRICULTURE?

What do farmers need to grow a crop?

Open Space

Nutrient-Rich
Healthy Soil

Seeds



Sunshine

Acceptable
Climate

What else??



WATER!

WHAT IS IRRIGATION?



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2050

DRIP IRRIGATION



- Water is sent through plastic pipes that are laid along the crop rows
- A tiny hole allows water to drip at the base of the plants
- Most effective for fruits and vegetables



Journey
2050

CENTRE-PIVOT IRRIGATION



- Large sprinkling system
- Line of sprinklers "pivot" around a center point in a field



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2050

FLOOD (FURROW) IRRIGATION



- Furrows are dug between plant rows
- Water is delivered to each row by a series of ditches or siphon hoses
- Crop is irrigated as water flows to the end of each row



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HOW IS WATER USED IN AGRICULTURE?

Besides irrigation, in what other ways does agriculture use water?



Watering
Livestock



Cleaning &
Sterilization



Food
Processing



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**WHAT BEST PRACTICES CAN BE
IMPLEMENTED TO USE WATER MOST
EFFICIENTLY IN AGRICULTURE?**



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CONSERVATION TILLAGE



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RIPARIAN AREAS



A riparian area is a space between land and a waterway, ideally filled with native grasses, shrubs and trees. These areas help filter nutrients that are collected as water runs over the land; help control water levels during floods; and provide habitat for animals.



GOAL

Implement an irrigation system that makes sense for the crop and land



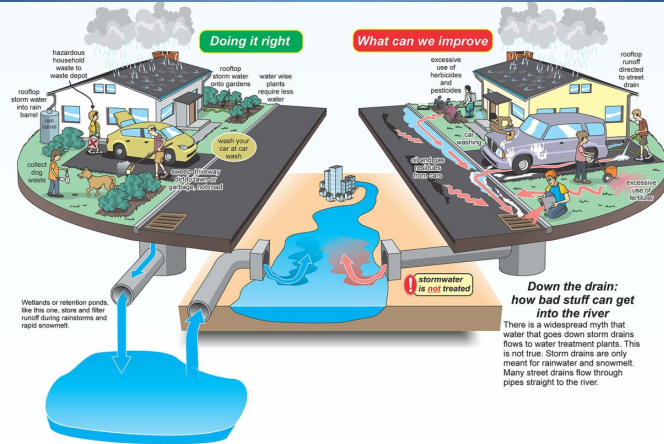
Decrease water evaporation by delivering water directly to the plant roots



Use technology to measure precise soil moisture



WHAT BEST PRACTICES HELP CONSERVE WATER?



SUSTAINABILITY FARMING GAME LEVEL 3 WATER

Play the game!



- In this level of the game you will primarily be managing water use. There will be a water meter on the left side of the screen that you will need to pay close attention to.
- The game is simulated for the year 2030.
- Stop when you finish farming in Canada



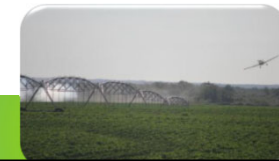
FOLLOW-UP DISCUSSION



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2050

FOLLOW-UP DISCUSSION

- What were your limiting factors?
- Did you find it difficult to have enough water for your crops? Why is freshwater conservation and preservation important? How did the weather impact your crops?
- What ripple effects did you notice from your investments?



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WRAP-UP

- Water is a natural resource critical to agriculture.
- Although the majority of the Earth is made up of water, only a small fraction is actually usable.
- Farmers improve their water efficiency by using water conservation practices and technologies such as irrigation (with moisture sensors), conservation tillage and riparian areas.
- Some regions of the world face greater threats to their water supply than others.



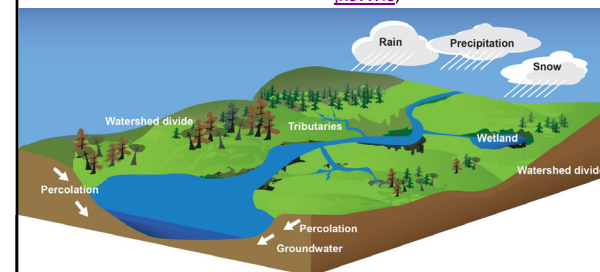
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ENRICHING ACTIVITIES



Play

- All of the land that **drains to the same location** or body of water
- **Water** bodies such as rivers, lakes and wetlands & **Land** including parks, fields and schoolyards
- **No borders**
- What Is a Watershed? (https://youtu.be/K_o-jK6vWl0),



ENRICHING ACTIVITIES

At School

ONE CONCERN =
ONE SOLUTION

What can YOU do
to **improve** your
local **water footprint**?

At Home - Outside

At Home - Inside

In your Community

[Why Should You Care About Our Watersheds?](https://youtu.be/4EqVISw2uwa)
(<https://youtu.be/4EqVISw2uwa>)



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2050

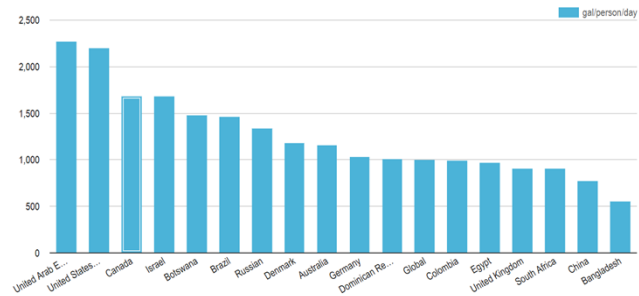
ENRICHING ACTIVITIES

- Which countries have the **least** available freshwater? Which countries have the **most** available freshwater?
- Discuss **factors** that impact water **availability**.
- Estimate **how much water a person uses each day** in countries such as the USA, Germany and Uganda.



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ENRICHING ACTIVITIES



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