

Oddizzi World Explorers

KS2 Week 2 - Physical features



Login details

To access online resources please go to **www.oddizzi.com/schools/login**

Oddizzi subscribers: use your oddizzi class username and password.

Map skills

What are the Earth's plates and why are they important?

Label them on **The Earth's plates** map. To help you, login to **www.oddizzi.com** and click on explore the world - physical features - volcanoes - the Earth's plates *and* why do plates move?

Online investigator



Login to **www.oddizzi.com** and click on explore the world - physical features - mountains - seven summits.

Find out facts about each of the Seven Summits and write them on the **Climbing the Seven Summits** sheets.

Quiz time

Login to **www.oddizzi.com**.

Click on **Quiz** at the top of the page.

Find the **Volcanoes and Earthquakes** quiz and the **Mountains** quiz. We suggest trying **Level 2**. See how many points you can score!

Putting pen to paper

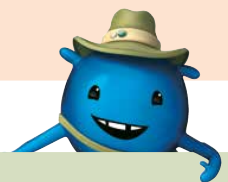
Imagine you need to pack a kit for someone who may experience an earthquake. What would you include in your kit?

Use the **earthquake survival kit** sheet to decide which are the most important. Don't forget to explain your choices!

What if...

Discuss this made up scenario with your family over breakfast or dinner.

What if...two plates pulled far apart from each other and stayed apart?



Watch this

Login to **www.oddizzi.com** and click on explore the world - physical features - earthquakes - help for quake victims.

Watch: **Shelterbox - what we do.**

1. When was Shelterbox founded?
2. How many Shelterboxes have been sent so far?
3. Who packs the boxes and where?
4. How do they deliver them to the people who need them?

Read it

Read the brochure **Tour the Rockies!**

Answer the questions based on what you have read.

Login to **www.oddizzi.com** and go to explore the world - physical features - mountains - case studies - The Rockies to find out more.

Instructions: Using Oddizzi's Plate Boundary Map, complete the following tasks.

1. Some of the Earth's plates aren't labelled. Use the map to fill in the name labels for different plates around the world.

Key words: African, Antarctic, Australian, Indian, South American

2. There are different types of plate boundary. Draw an arrow and label it to show:

- a. Where plates are moving apart
- b. Where plates are moving towards each other
- c. Where plates are moving next to each other
- d. A plate boundary on land
- e. A plate boundary on the bed of the ocean

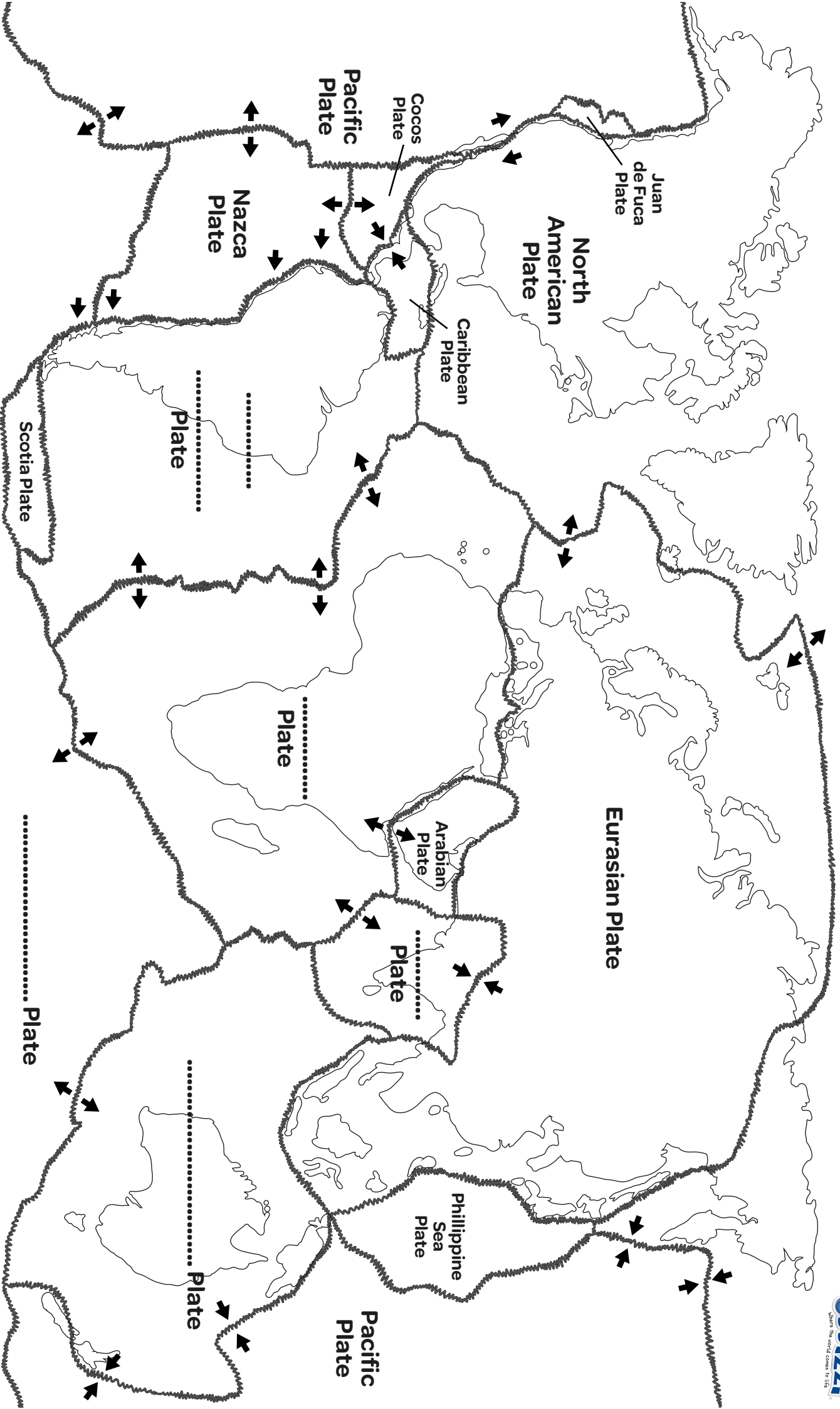
3. Complete this sentence: 'I live on the plate.'

4. Complete the following sentence using these words: crust, giant, meet, two.

'A plate boundary is where plates (..... pieces)
of the Earth's '

5. Complete the following sentence using these words: boundaries, close, plate, volcanoes.

'Most and earthquakes are found on or
to '



Climbing the Seven Summits - Part 1



Instructions: Would you like to climb the Seven Summits? Find out more about them before you go!

oddizzi.com | Places - Physical Features - Mountains - Seven Summits



Aconcagua



Denali



Everest

Climbing the Seven Summits - Part 2

Instructions: Would you like to climb the Seven Summits? Find out more about them before you go!

oddizzi.com | Places - Physical Features - Mountains - Seven Summits



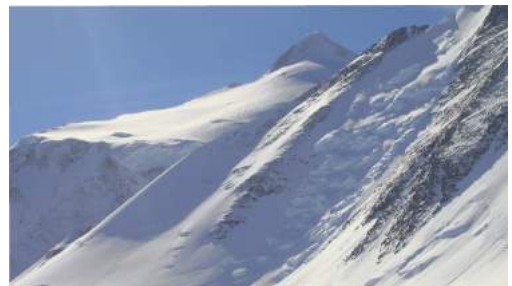
Elbrus



Kilimanjaro



Carstensz Pyramid



Vinson Massif

Earthquake Survival Kit



Instructions: From the list below, choose the six most important items to include in an emergency earthquake kit. Be ready to justify your choices.

torch	water purifying tablets
bottled water	pen and paper
batteries	watch
tinned food	candles
blanket	matches
electronic tablet	soap
tent	toilet paper
dry clothes	hammer
spade	disinfectant
plastic bucket	saucepan

Welcome to Oddizzi's Key Stage 2 guided reading resources. In this pack you will find differentiated non-fiction texts, with varied follow-up activities and teacher answer sheets. Topics for these texts are aligned with the new Geography National Curriculum.

These resources would work beautifully during a guided reading session with lower Key Stage 2 students, or for pupils in upper Key Stage 2 to use during independent or shared reading. The texts make for strong exemplars to use when studying news articles, persuasive and informative texts. These resources can equally be used during geography lessons.

The two texts have similar content, but are written for different reading levels. The simpler text is identified by the '**Core Text**' note in the footer, while the more challenging text is marked with '**Extension Text**'. The three follow-up activities can be used with both texts.

There are three different follow-up activities.

- 1) YOUR MISSION is a basic comprehension activity incorporating true/false, multiple choice and short answer.
- 2) OBSERVER ODD'S MISSION includes more challenging comprehension questions to be answered in full sentences.
- 3) INSPECTOR IZZI'S MISSION incorporates higher order thinking questions including inferring, making connections and predicting. These questions would be great to discuss during guided reading.

Included at the end of Odd's and IZZI's missions are extra cross-curricular activities that support multiple intelligences.

PACKS

Texts	Related Topics	Text Form
Ready, Get Set, Go... to Rio!	South America, Brazil, Olympics	Persuasive
Tour the Rockies!	North America, mountains, economic activity	Persuasive
UK Energy Fact-File	United Kingdom, energy, resources	Informative
The River Nile Fact-File	(Ancient and modern) Egypt, rivers	Informative
Save the Amazon!	South America, Brazil, rainforests	News article
Second Earthquake Hits Nepal	Asia, Nepal, earthquakes, natural disasters	News article
Fairtrade Fact-File	Fairtrade, food, farming, economic activity, Global Marketplace	Informative

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www.oddizzi.com

Tour the Rockies!



The longest, oldest and iciest mountain system in North America.

Everything about these mountains is impressive! Awe-inspiring emerald lakes, soaring, snowy peaks and wonderful wildlife, including the not-so-cuddly grizzly bear, guarantee a trip you'll never forget.

Found in western North America, the Rockies stretch all the way from western Canada over the border into the USA. The Rockies are 4,800 km (3,000 miles) long.

Don't believe us? Check a map!



The Rockies are in North America.

KEY FACTS : THE ROCKIES

They're high!

Their highest peak is Mount Elbert in Colorado, USA. It is 4,401 metres (14,440 feet) high. That's like three of Scotland's Ben Nevis Mountain balanced on top of each other, and a bit more.



The Rockies are home to the grizzly bear.

They're old!

At 76 million years old, they must be about a million times older than your grandparents!

There are fourteen different National Parks

Much of the remaining wilderness areas of the Rockies are protected – they're National Parks, both in Canada and the USA. Parks save wildlife habitats from development.



Mount Elbert (USA) is the highest peak in the Rockies.

Why not visit...



HIGHLIGHTS OF THE CANADIAN ROCKIES

Five National Parks mean the Canadian Rockies provide year-round attractions for all the family.

You can kayak, hike, cycle or fish here in the summer. Skiing, skating, dogsledding and ice-climbing are all sports you can try in the Canadian Rockies when temperatures fall.

National Parks

- Banff
- Jasper
- Kootenay
- Waterton
- Yoho

Tourist-friendly maps and trails make finding your way in the Canadian Rockies easy.

KEY WORDS:

glacier
habitat
icefield
mountain system
national park
shrinking
wilderness
wildlife

Banff National Park

A lake location with the 'wow' factor

The blue-green waters of Lake Louise have enchanted visitors for many, many years. Canoeing and kayaking are popular, but come in winter and you might find yourself ice-fishing or ice-skating on the lake.

Jasper National Park

Take to the ice for breath-taking views

Climb to the edge of the Columbia Icefield - it's a must-see, a unique icy wilderness. The Athabasca is the most visited glacier in North America.

Travel in comfort: catch the Snow Coach from the town of Banff. It's been specially designed for off-road transport: it's all-wheel drive to give it more power, and with six extra-large wheels, it can scale even the most slippery of slopes!

Going, going, gone!

The Athabasca Glacier is shrinking. Recent melting, due to global warming, means there may one day be no Athabasca Glacier left to visit. Do come to see it soon!

To find out more, and book travel and accommodation today, go to: www.rockiesparadise.odd



Ice-skate in Lake Louise National Park.



White-water rafting fun!



Backcountry trails attract hikers in Banff National Park.



Visit the Athabasca Glacier.

Tour the Rockies!



The longest, oldest and iciest mountain system in North America.

Everything about these mountains is impressive! Awe-inspiring emerald lakes, soaring, snowy peaks and wonderful wildlife, including the not-so-cuddly grizzly bear, guarantee a trip you'll never forget.

Found in western North America, the Rockies stretch all the way from western Canada (through the counties of British Columbia and Alberta), over the border into the USA (through the states of Montana, Wyoming, Idaho, Colorado, New Mexico, Utah and Arizona). The Rockies are 4,800 km (3,000 miles) long. Don't believe us? Check a map!



The Rockies are in North America.

KEY FACTS : THE ROCKIES

They're high!

Their highest peak is Mount Elbert in Colorado, USA. It is 4,401 metres (14,440 feet) high. That's like three of Scotland's Ben Nevis Mountain balanced on top of each other, and a bit more.

They're old!

At 76 million years old, they must be about a million times older than your grandparents! The height of these awesome peaks is even more impressive when you consider the many years they've suffered the battering effects of the weather.

There are fourteen different National Parks

Much of the remaining wilderness areas of the Rockies are now protected as National Parks, both in Canada and the USA. National Park status restricts what people can do – for example, the building of new houses is limited – saving wildlife habitats from development.



The Rockies are home to the grizzly bear.



Mount Elbert (USA) is the highest peak in the Rockies.

Why not visit...



HIGHLIGHTS OF THE CANADIAN ROCKIES

Five National Parks mean the Canadian Rockies provide year-round attractions for all the family. If you want to stay active, you can kayak, hike, cycle or fish here in the summer. Skiing, skating, dogsledding and ice-climbing are all sports you can try in the Canadian Rockies when temperatures fall.

National Parks

- Banff
- Jasper
- Kootenay
- Waterton
- Yoho

Tourist-friendly maps and trails make finding your way in the Canadian Rockies easy.

KEY WORDS:

glacier
habitat
icefield
mountain system
national park
shrinking
wilderness
wildlife

Banff National Park

A lake location with the 'wow' factor

The blue-green waters of Lake Louise have enchanted visitors for many, many years. It was named after one of Queen Victoria's daughters (the mountain at the head of the lake is Mount Victoria). Canoeing and kayaking are popular but come in winter and you might find yourself ice-fishing or ice skating on the lake.

Jasper National Park

Take to the ice for breath-taking views

Climb to the edge of the Columbia Icefield - it's a must-see, a unique icy wilderness. The Athabasca is the most visited glacier in North America.

Travel in comfort, catch the Snow Coach from the town of Banff. It has been specially-designed for off-road transport: it's all-wheel drive to give it more power; and with six extra-large wheels it can scale even the most slippery of slopes!

The Athabasca Glacier is just one of the glaciers fed by the amazing Columbia Icefield. The icefield covers hundreds of square miles – it's almost three times the size of the Canadian city of Vancouver!

Going, going, gone!

The Athabasca Glacier is shrinking. Overall, it has shrunk more than one and half kilometres in length over the past 125 years and lost over half of its volume. Recent melting, due to global warming, means there may be no Athabasca Glacier left to visit. Do come to see it soon!

To find out more, book travel and accommodation today, go to: www.rockiesparadise odd



Ice-skate Lake Louise National Parks



White-water rafting fun!



Backcountry trails attract hikers in Banff National Park



Visit the Athabasca Glacier (Canada)



1. Draw yourself in the circle to become a detective!
2. Answer the questions below to complete your mission.

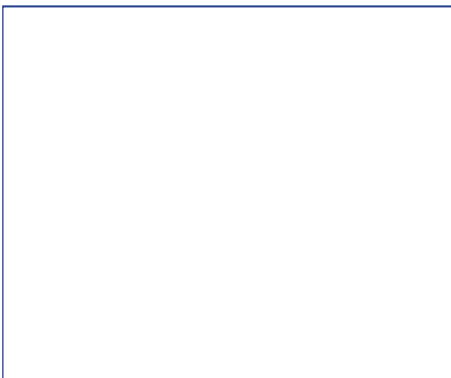
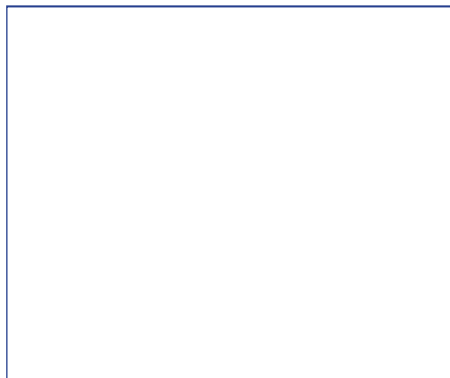
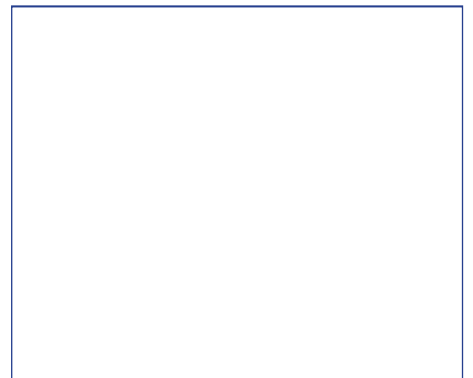
A. Tick 'true' or 'false' for the statements below.

Statements	True	False
1. The Rockies are in South America.		
2. Mount Elbert is three times the height of Scotland's Ben Nevis.		
3. People ice-skate on Lake Louise.		

B. Circle the correct answer.

- | | | |
|--|--|---|
| <p>4. What gives Lake Louise its 'wow factor'?</p> <p>a. Its size
b. Its name
c. Its blue-green waters</p> | <p>5. What is the most visited glacier in Canada?</p> <p>a. Jasper
b. Athabasca
c. The Hubbard</p> | <p>6. Which of these is a national park found in the Canadian Rockies?</p> <p>a. Banff
b. Yellowstone
c. Zion</p> |
|--|--|---|

C. Draw three outdoor activities popular with tourists in the Rockies.

D. Why should people not put off visiting the Athabasca Glacier?



Observer Odd needs your help!

His mission is to write a report on the facts presented in *Tour the Rockies!* Answer the questions below in full sentences so that he can use the information in his report.

1. Where are the Rockies located?

2. Why are many parts of the Rockies protected?

3. Make a list of the activities you can do in the Rockies. Put them into a table, with one column labelled 'summer' and another column labelled 'winter'.

4. What is a 'habitat'? Can you use this word in a sentence?

5. Find an example of alliteration in the text.


Inspector Izzi has a new job and needs a hand!

Her task is to write a detailed analysis of *Tour the Rockies!* She needs you to help her read 'between the lines' and answer the questions below in full sentences.

6. What sort of person is this brochure aimed at? Why do you think so?

7. Is this text fiction or non-fiction? How do you know?

8. Do you know of any other places or animals that are protected? If so, why are they protected?

9. If you were to visit the Rockies, what time of year would you visit? Why?

EXTRA MISSIONS:

1. Using the information in this brochure, write the script for a 30-second radio advert for the Rockies.
2. Write an acrostic poem entitled *Rockies*.
3. Create an advert using online resources, for example smore.com, for the Rockies.



1. Draw yourself in the circle to become a detective!
2. Answer the questions below to complete your mission.

A. Tick 'true' or 'false' for the statements below.

Statements	True	False
1. The Rockies are in South America.		X
2. Mount Elbert is three times the height of Scotland's Ben Nevis.	X	
3. People ice-skate on Lake Louise.	X	

B. Circle the correct answer.

4. What gives Lake Louise its 'wow factor'?

- a. Its size
- b. Its name
- c. **Its blue-green waters**

5. What is the most visited glacier in Canada?

- a. Jasper
- b. **Athabasca**
- c. The Hubbard

6. Which of these is a national park found in the Canadian Rockies?

- a. **Banff**
- b. Yellowstone
- c. Zion

C. Draw three outdoor activities popular with tourists in the Rockies.

Canoeing
Kayaking
Ice-fishing
Ice-skating
Hiking
Cycling
Fishing
Skiing

Snowboarding
Dogsledding
Ice-climbing
Swimming
Etc.

D. Why should people not put off visiting the Athabasca Glacier?

It is shrinking due to global warming.


Observer Odd needs your help!

His mission is to write a report on the facts presented in *Tour the Rockies!* Answer the questions below in full sentences so that he can use the information in his report.

1. Where are the Rockies located?

Western North America (Canada and USA).

2. Why are many parts of the Rockies protected?

To save wildlife habitats from development.

3. Make a list of the activities you can do in the Rockies. Put them into a table, with one column labelled 'summer' and another column labelled 'winter'.

Summer	Winter
Canoeing	Ice-fishing
Kayaking	Ice-skating
Hiking	Skiing
Cycling	Snowboarding
Fishing	Dogsledding
Swimming	Ice-climbing

4. What is a 'habitat'? Can you use this word in a sentence?

Habitat: the natural home or environment of an animal or plant.

E.g. The grizzly bear's natural habitat is the Canadian Rockies.

5. Find an example of alliteration in the text.

... soaring, snowy peaks. ...wonderful wildlife.


Inspector Izzi has a new job and needs a hand!

Her task is to write a detailed analysis of *Tour the Rockies!* She needs you to help her read 'between the lines' and answer the questions below in full sentences.

6. What sort of person is this brochure aimed at? Why do you think so?

Answers will vary.

7. Is this text fiction or non-fiction? How do you know?

Non-fiction

Provides facts about the Rockies.

8. Do you know of any other places or animals that are protected? If so, why are they protected?

E.g.: The Amazon rainforest, Antarctica, tigers, polar bears, giant pandas, sea turtles, orangutans, elephants, chimpanzees, rhinos, gorillas, bonobos, pacific salmon, amur leopards, jaguars etc.

Why? To conserve natural habitats, promote biodiversity, help humans (resources for new medicines), because they are endangered, etc.

9. If you were to visit the Rockies, what time of year would you visit? Why?

Answers will vary.

EXTRA MISSIONS:

1. Using the information in this brochure, write the script for a 30-second radio advert for the Rockies.
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