

Tuesday 12th May



Hello year 5,

Welcome to another week of home learning, we can't believe we are going into week 8 of staying at home! We hope you are all well and are being kind to each other. As always you can complete the tasks in any order and all the answers are provided at the back of the presentation so you can self-mark (no cheating though!).

Please remember that you are more than welcome to print off the presentation but you do not need to, you can just use it from a screen and then write your answers down either in your homework books or on a piece of paper. The message we're sending to you all (including your adults) is: "Do what you can, when you can and don't put too much pressure on yourselves." As always it is also important to take the time to relax, exercise and to be kind to yourselves and everyone else in your house.

We are missing you all and look forward to hopefully seeing you all again soon,
Miss Savage and Mrs Montgomery

Remember to read at home!

You should be aiming to read for at least 20 minutes every day.

Remember, you can now take 'Accelerated Reader' quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password.

To check that the book you are reading has a quiz, you can check it using [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz - just keep a record of what you have read.

Keep reading and exploring new worlds and adventures!

DAILY PHYSICAL EXERCISE



Do you remember Pokémon yoga? We know how much you enjoyed it, so here's the YouTube link:

<https://www.youtube.com/watch?v=tbCjkPlsaes>

Or

Go to the 'Cosmic Kids' channel on YouTube and choose a different yoga program, there are loads from Minecraft to Stars Wars. Remember yoga can enhance strength, co-ordination and flexibility, while encouraging body awareness and self-esteem. Why not give it a go?

<https://www.youtube.com/playlist?list=PL8snGkhBF7nh7p25XjBHvwrhtt3zBlxk>



On YouTube you can search for lots of different 'Just Dance' videos using the link below.

Why not select a few of your favourite songs and learn the routines for them?

<https://www.youtube.com/user/justdancegame>

MATHS

10-4-10

Remember, ten minutes to answer ten questions!

1. $8245 + 243 =$

2. $4458 - 2342 =$

3. $2569 + \underline{\hspace{2cm}} = 72,354$

4. $8745 - \underline{\hspace{2cm}} = 6385$

5. $9408 - 423 =$

6. $20.00 - 6.99 =$

7. Find the sum of 3564 and 6327 =

8. $7456 \div 8 =$

9. What is 1000 less than 34,567?

10. $5643 \times 56 =$

Just have a go, if you find one tricky, move on to the next one.

MATHS

WALT: multiply four digits by two digits.

In maths this week we are recapping different multiplication and division methods.


Use the following link to White Rose Maths Home Learning Yr.5 and watch the video Summer Term: Week 3: Lesson 2: Multiply 4 digits by 2 digits (It doesn't matter that it says W/C 4th May, we are continuing on from last week).


<https://whiterosemaths.com/homelearning/year-5/>


Although we have looked at this before, the video explains the concept in different ways and you can pause, rewind or fast forward it at any time. There are questions for you to think about during the video, it may be helpful for you to answer these questions as you go, but you don't have to write down the answers to these if you don't want to.

You may want to watch all the video first and then attempt the questions on the following slides, however, if you look at the worksheet and feel confident to attempt without watching the video, then that is fine. Remember you can use the answers (which are at the end of the presentation) to self-mark-if you've made lots of errors and you didn't watch all of the video-it is essential you watch it next time.

As we are not there to check your understanding throughout the lesson, instead of having challenges for you to move on to, we have used the stars slightly differently. You will see the question numbers which we'd like you to concentrate on. Start with the star you often start on, in maths, and then you can always continue on if you feel confident but **do not** pressure yourself to.

Questions 1-3 

Questions 1-5 

Questions 1-8 

Multiply 4-digits by 2-digits

1 Complete the multiplication.

		1	2	3	4	
x				2	1	
		1	2	3	4	
		2	4	6	8	0

(1,234 ×)

(1,234 ×)

2 Tommy is calculating 1,234 × 26

a) Complete his working out.

		1	2	3	4	
x				2	6	
		7 ₁	4 ₂	0 ₂	4	
		2	4	6	8	0

(×)

(×)

b) Fill in the grid to check Tommy's working is accurate.

You may use place value counters to help.

x	1,000	200	30	4
20				
6				

3 Rosie is calculating 2,541 × 42

Here is Rosie's working.

	2	5	4	1	
x			4	2	
	4	0	8	2	(2,541 × 2)
	8	0	6	4	(2,541 × 40)
	1	2	1	4	6

a) Rosie has made two mistakes. What are they?

b) What is the correct answer?

4 Work out the multiplications.

a) 4,284 × 23

b) 2,142 × 46

What do you notice?

- 5 A machine makes 2,734 boxes every hour.
The machine works for 3 hours each day.
a) How many boxes will it make in 12 days?

- b) Compare methods with a partner. Were there any other ways you could have worked out the answer?

- 6 Work out $378 \times 7 \times 12$
Show your method clearly.

- 7

1	2	3	4	5	6
---	---	---	---	---	---

- a) Using all the digit cards, create 4 different calculations and work out the answer to each.

- b) Write your answers in ascending order.

- c) What is the smallest product that can be made?

- 8 Amir scores 4,680 points in a computer game for 12 games in a row.
Whitney scores 2,512 points every game for 24 games.

Who scores more points?

How many more?



ENGLISH

Today we are going to practise using modal verbs.

Task 1: Watch a different version of Eric.

If you can watch this video version of Eric using:

<https://www.vimeo.com/111187541>

Think about the following questions:

What do you think about this version? Does it work to have an actor playing the character of Eric? Is the narration well read?

Task 2: Practise using modal verbs.

Use the 'Revision Cards' on slide 9 to remind yourself about modal verbs. Then read 'Eric Thoughts 1 and 2' on slide 10 and 11. What are some of the differences between the two sets of answers? Highlight the modal verbs that have been used or write them down in your homework book. Finally sort the modal verbs that you have found into certainty, ability and obligation using the table on slide 12.

Modal Verbs – Revision Card

Modal Verbs

Modal verbs express **certainty**, **ability** or **obligation**.

can must may
might ought to shall should
would will could

Modal Verbs

Modal verbs are placed before the **verb** they are **modifying**.



I thought I **could** hear someone in the pantry.
You **might** see him there if you open the door.
He **should** sleep in the room that we gave him.

Using Modal Verbs

Modal verbs are useful for **expressing shades of meaning**.

I **could** worry about our visitor but I **will** let him just get on.

It is worrying but I intend not to interfere.

I **should** tell someone now but I **might** wait a few more days.

I feel obliged to tell someone but it's possible that I will wait a bit.

You **can** ask him to leave the pantry but **must** you risk upsetting him?

You are able to ask him but is it necessary?

Modal Verbs – Revision Card

Indicating Degrees of **Certainty** using Modal Verbs



He **might** have come from Outer Space.

He **will** have come from Outer Space. ✓

He **may** have come from Outer Space.

The ticked sentence expresses most certainty.

Indicating Degrees of **Obligation** using Modal Verbs



They **should** report him to the government.

They **ought to** report him to the government.

They **must** report him to the government. ✓

The ticked sentence expresses the strongest degree of obligation

Indicating **Ability** using Modal Verbs



I **might** understand his mission.

I **would** understand his mission.

I **can** understand his mission. ✓

I **must** understand his mission.

The ticked sentence indicates ability.

Eric Thoughts 1

Why do you think the family decided to have a foreign exchange student?

I think that they might have wanted to be kind and hospitable. They repainted the spare room and bought new rugs and furniture which may show how much care they were taking. When Eric went in the pantry, they decide they ought not to disturb him. This seems generous. They could have told him to stay in his room. They seem flexible.

Where do you think Eric has come from?

I think he may have come newly arrived from another planet. He might not actually be the exchange student. He may have turned up at the same time coincidentally. I think he feels he should learn about his new planet, so it could be that he is an explorer. Perhaps he will return home with news of what he has discovered.

How do you think the narrator feels about Eric?

I think he might feel quite fond of Eric because of the way that he tells the story. He speaks of him quite gently. He should be looking after him. He must be quite confused though. Eric can behave very strangely! His appearance could really frighten someone.

Eric Thoughts 2

Why do you think the family decided to have a foreign exchange student?

I think that they may just want the money. They might have wanted to do up the house anyway and they would get paid for doing that. The narrator may be quite caring with Eric, but his Mum doesn't really say or do much. She should be more involved. She must have noticed that a strange creature is in her house. She could have told someone about it. Now no-one will ever know what sort of creature this was.

Where do you think Eric has come from?

I think he might have been visiting other people. He knows some of what he ought to do, for example he knows he should wave at people. He does that when he arrives. He must have learnt that from other visits. He could just go from house to house like this, one after another. Perhaps he will visit me one day!

How do you think the narrator feels about Eric?

I think he might feel quite confused about Eric. He has planned lots of things that they could do, but Eric doesn't seem to join in with them as he ought to do. He should have asked Eric where he comes from. Maybe he is a bit scared about what Eric will say. He could feel quite proud to have been visited by Eric. It will be a story that he will enjoy telling for the rest of his life.

Certainty/Ability/Obligation

Sort the modal verbs that you have found into this table.

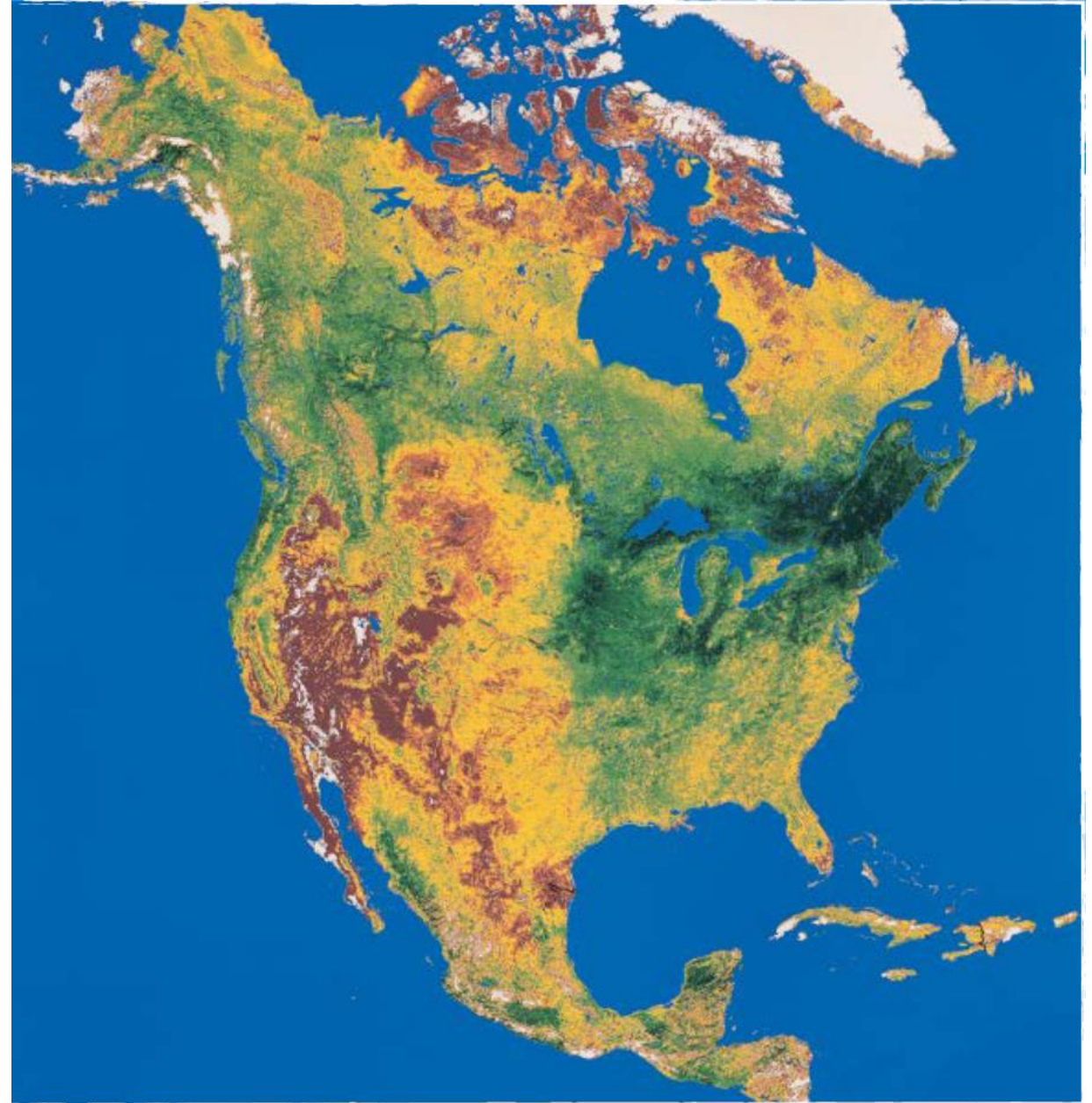
<u>Certainty</u>	<u>Ability</u>	<u>Obligation</u>

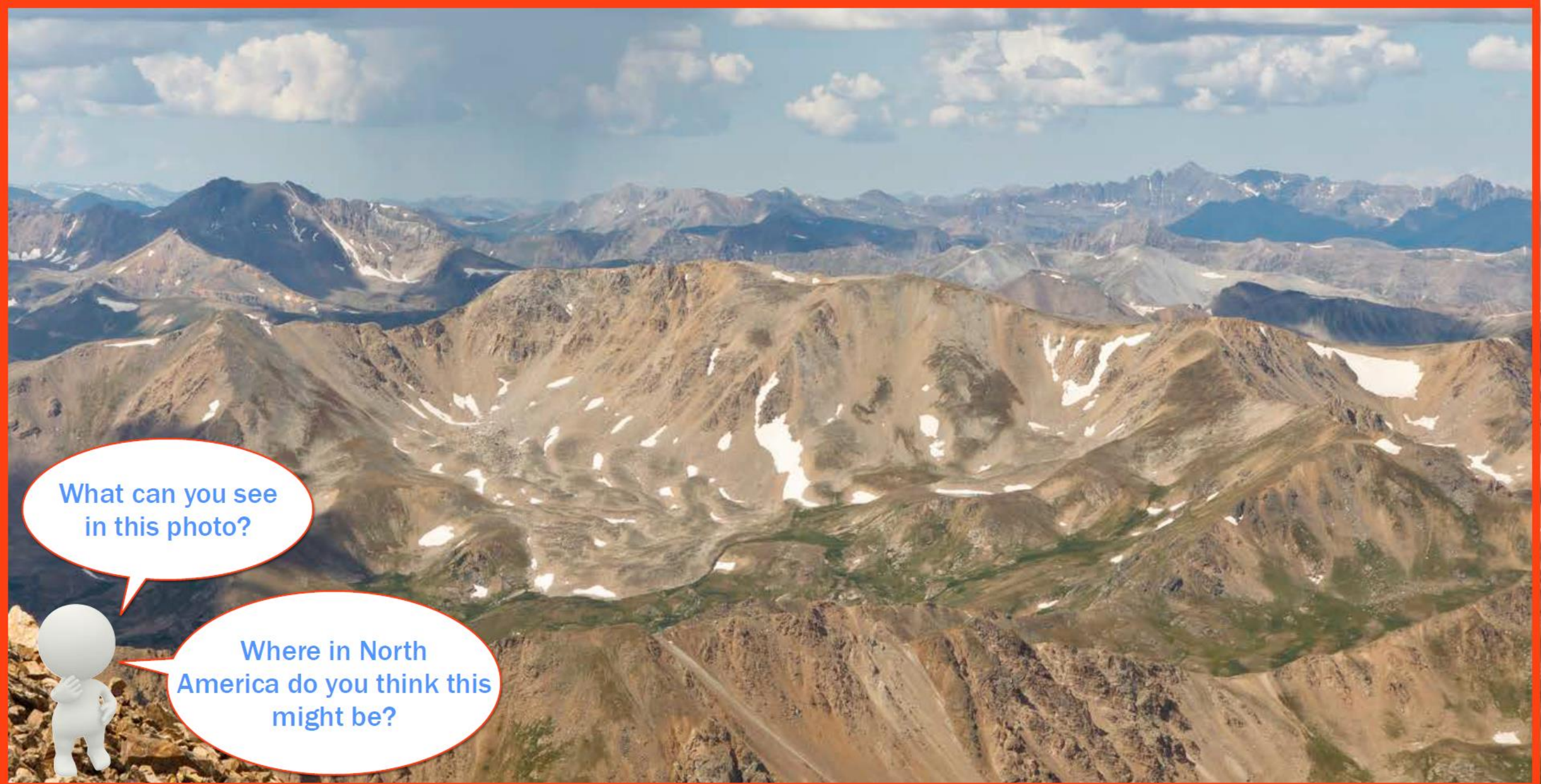
GEOGRAPHY

Q: What are some of the geographical features of North America?

North America is the third largest continent in the world and has an area of 24,247,039 km². As you would expect, an area this large has an extremely varied landscape.

There are mountains, deserts, plains, rainforests, cliffs, waterfalls, glaciers and just about any other geographical feature you can name.



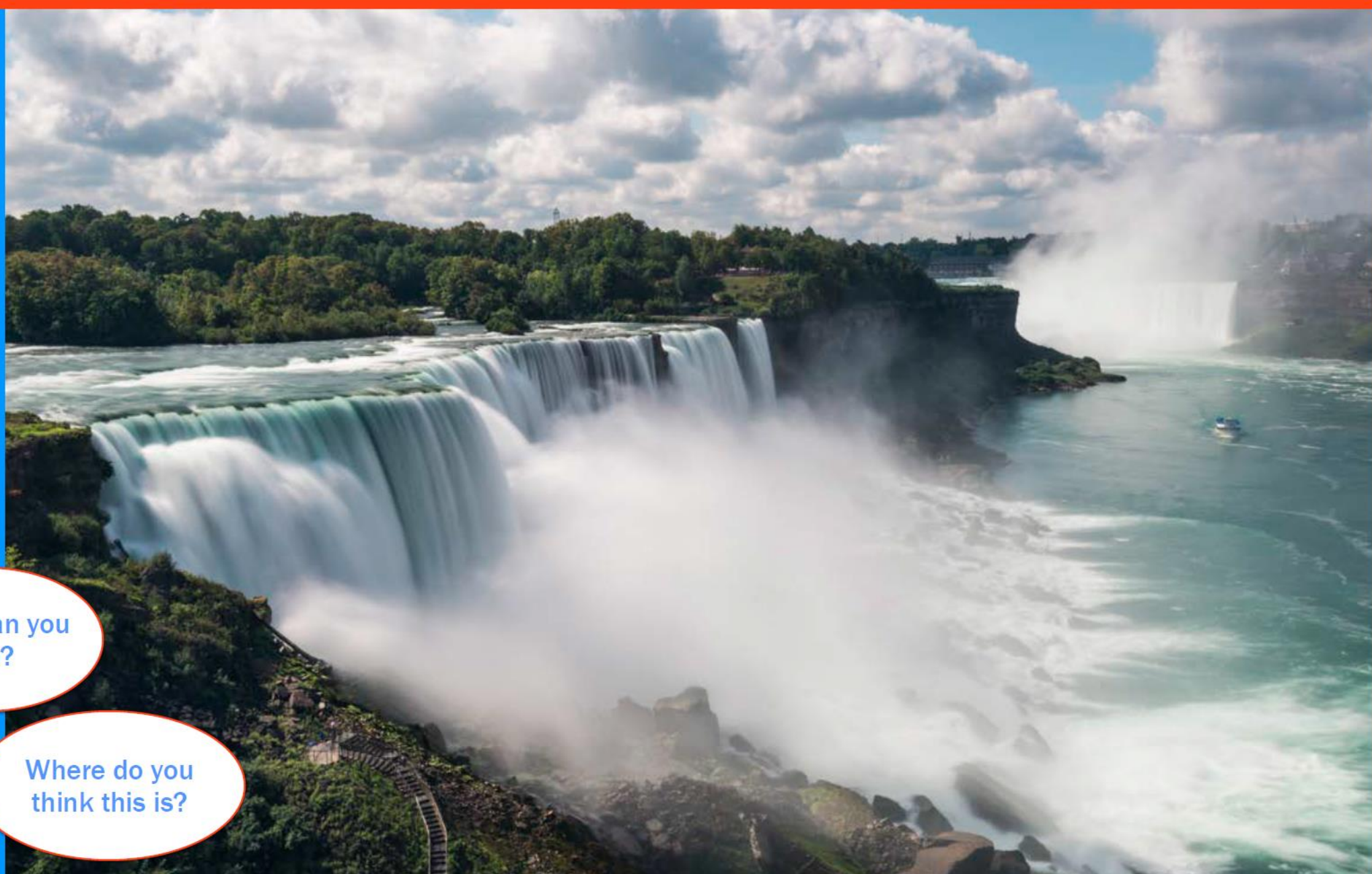


What can you see
in this photo?

Where in North
America do you think this
might be?



This is a view of the Rocky Mountains (also known as the Rockies) which is a major mountain range running along the western edge of North America. The Rockies run all the way from Alberta and British Columbia in Canada to New Mexico, USA. They stretch for around 3000 miles and in some places are 300 miles wide. The tallest mountain in the Rockies is Mount Elbert (Colorado, USA). It has an elevation of 4401 metres.



What can you see?

Where do you think this is?



These are the Niagara Falls which are on the border of Canada and the USA. They are the largest waterfalls in North America (based on the volume of water). The Niagara Falls are actually made up of three different waterfalls: Horseshoe Falls, Bridal Veil Falls and the America Falls. Horseshoe Falls are the largest and are 53 metres high and 790 metres wide.





Where do you think this is?

What can you see?



This is Rincon Beach on the Samana peninsula in the Dominican Republic. The Samana peninsula was described by Christopher Columbus as being 'the fairest land on the face of the Earth.'

The Samana peninsula has mountains covered in tropical rainforest, beautiful sandy beaches, blue sea and coral reefs.



Geographical Features of North America



The **Hoover Dam** is a concrete dam in the Black Canyon of the Colorado River. It is on the border of Arizona and Nevada. It was built in the 1930s to prevent flooding and provide irrigation.



The **Grand Canyon** is in Arizona, USA. Erosion caused by the Colorado River over millions of years had carved deep crevices into the rock. The Grand Canyon is 446km long and in some places is 1.8km deep.



The **Panama Canal** is a shipping canal that was built to create a shortcut from the Atlantic to the Pacific. It took more than 30 years to build and was opened in 1914. It is 77km long and has many locks.



Niagara Falls, on the border of the USA and Canada, consist of three separate waterfalls: Horseshoe Falls, Bridal Veil Falls and the America Falls. Horseshoe Falls are the largest at 53m high and 790m wide.



The **Hubbard Glacier** is in Alaska, USA. This glacier (a slow-moving river of ice) is North America's largest tidewater glacier. It is 122km long. It is estimated to be about 400 years old.



Death Valley in Mojave Desert, USA. It is the hottest, driest and lowest place in North America. The highest temperature recorded here is 57°C, the hottest temperature ever recorded on Earth.

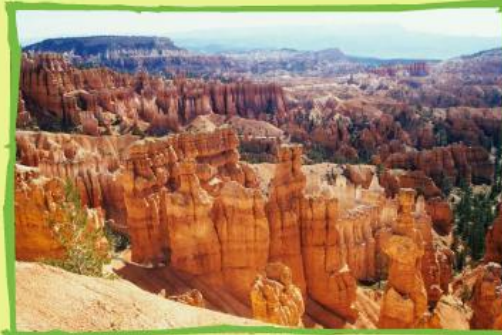
Geographical Features of North America



The **Samana Peninsula** is in the Dominican Republic. It has golden beaches, blue sea, coral reefs and mountains covered in tropical rainforest.



The **Rocky Mountains** run along the western edge of North America from Alberta and British Columbia in Canada right down to New Mexico, USA. The Rockies are around 4800km long.



Bryce Canyon is in Utah, USA. The process of erosion over millions of years has left a series of hoodoos (columns of weathered rock) and other geological features which creates an astonishing landscape.



The **Great Lakes** are the largest group of freshwater lakes on Earth. They consist of Lakes Superior, Michigan, Huron, Erie and Ontario. Their total surface area is 244,106km².



The **Redwood Forest** is home to the tallest trees in the world. It is located along the coast of California, USA. Redwood trees can grow up to 115m tall and 8m in diameter.



The **Escambray Mountains** are a mountain range in Cuba. The tallest peak, Pico San Juan, is 960m above sea level. The mountains are home to tropical rainforest, caves, waterfalls and canyons.

TOP WONDERS OF NORTH AMERICA!

#1

#2

#3

Using the information on slides 21 and 22 'Geographical Features of North America' and your own research create a poster promoting the top three wonders of North America (you can use the template opposite or create your own).

You can choose which three wonders you they think are the most impressive, write a brief description and draw a picture for each one. If you want to find out further information why not do some extra research on a particular wonder that interests you.

ANSWERS

10-4-10 ANSWERS

1. $8245 + 243 = 8488$

2. $4458 - 2342 = 2116$

3. $2569 + \underline{69,785} = 72,354$

4. $8745 - \underline{2360} = 6385$

5. $9408 - 423 = 8985$

6. $20.00 - 6.99 = 13.01$

7. Find the sum of 3564 and 6327 = 9891

8. $7456 \div 8 = 932$

9. What is 1000 less than 34,567? 33,567

10. $5643 \times 56 = 316,008$

MATHS ANSWERS

White
Rose
Maths

Multiply 4-digits by 2-digits

1 Complete the multiplication.

		1	2	3	4		
	x			2	1		
		1	2	3	4		
		2	4	6	8	0	
		2	5	9	1	4	
							1

(1,234 × 1)

(1,234 × 20)

2 Tommy is calculating $1,234 \times 26$

a) Complete his working out.

		1	2	3	4		
	x			2	6		
		7	4	0	4		
		2	4	6	8	0	
		3	2	0	8	4	
							1

(1,234 × 6)

(1,234 × 20)

b) Fill in the grid to check Tommy's working is accurate.
You may use place value counters to help.

x	1,000	200	30	4
20	20,000	4,000	600	80
6	6,000	1,200	180	24



3 Rosie is calculating $2,541 \times 42$
Here is Rosie's working.

			2	5	4	1	
	x				4	2	
			4	0	8	2	(2,541 × 2)
			8	0	6	4	(2,541 × 40)
			1	2	1	4	6

a) Rosie has made two mistakes. What are they?

She hasn't correctly exchanged
She has multiplied by 4 not 40

b) What is the correct answer?

106,722

4 Work out the multiplications.

a) $4,284 \times 23$

b) $2,142 \times 46$

			4	2	8	4					
	x				2	3					
		1	2	8	5	2					
		8	5	6	8	0					
		9	8	5	3	2					

				2	1	4	2				
	x					4	6				
		1	2	8	5	2					
		8	5	6	8	0					
		9	8	5	3	2					

What do you notice?

Eric Thoughts 1 - ANSWERS

Why do you think the family decided to have a foreign exchange student?

*I think that they **might** have wanted to be kind and hospitable. They repainted the spare room and bought new rugs and furniture which **may** show how much care they were taking. When Eric went in the pantry, they decide they **ought** not to disturb him. This seems generous. They **could** have told him to stay in his room. They seem flexible.*

Where do you think Eric has come from?

*I think he **may** have come newly arrived from another planet. He **might** not actually be the exchange student. He **may** have turned up at the same time coincidentally. I think he feels he **should** learn about his new planet, so it **could** be that he is an explorer. Perhaps he will return home with news of what he has discovered.*

How do you think the narrator feels about Eric?

*I think he **might** feel quite fond of Eric because of the way that he tells the story. He speaks of him quite gently. He **should** be looking after him. He **must** be quite confused though. Eric **can** behave very strangely! His appearance **could** really frighten someone.*

Eric Thoughts 2 - ANSWERS

Why do you think the family decided to have a foreign exchange student?

*I think that they **may** just want the money. They **might** have wanted to do up the house anyway and they **would** get paid for doing that. The narrator **may** be quite caring with Eric, but his Mum doesn't really say or do much. She **should** be more involved. She **must** have noticed that a strange creature is in her house. She **could** have told someone about it. Now no-one will ever know what sort of creature this was.*

Where do you think Eric has come from?

*I think he **might** have been visiting other people. He knows some of what he **ought** to do, for example he knows he **should** wave at people. He does that when he arrives. He **must** have learnt that from other visits. He **could** just go from house to house like this, one after another. Perhaps he **will** visit me one day!*

How do you think the narrator feels about Eric?

*I think he **might** feel quite confused about Eric. He has planned lots of things that they **could** do, but Eric doesn't seem to join in with them as he **ought** to do. He **should** have asked Eric where he comes from. Maybe he is a bit scared about what Eric **will** say. He **could** feel quite proud to have been visited by Eric. It **will** be a story that he **will** enjoy telling for the rest of his life.*

Certainty/Ability/Obligation - ANSWERS

Certainty	Obligation	Ability
might	ought	can
would	should	could
will	must	
may		