



FLYOVER BRITISH COLUMBIA

VIRTUAL FLIGHT. REAL AMAZEMENT

Grades 6 - 8



DID YOU KNOW?

The outlined locations below are the scenes you flew over within British Columbia during your FlyOver Canada flight ride. Keep these in mind as you are reading through the following activities.

- 
1. Dawn – Canada's North; Hudson's Bay near Churchill, Manitoba
 2. Schooner – Twillingate, Newfoundland
 3. Iceberg/Coast Guard – Iceberg Alley, Coast of Newfoundland
 4. Fjord/Cliff Drop – Gros Morne National Park, Newfoundland
 5. Kayakers – Riviere Rouge, Quebec
 6. Night – Toronto, Ontario
 7. Dawn at the Falls – Niagara Falls, Ontario
 8. Classic Boats – Muskoka, Ontario
 9. Cowboys and Combines – Wheatland Hutterite Colony in Rockyford, Alberta.
 10. Rocky Mountain Train – Alberta/Rocky Mountains
 11. Craggy Mountain – Mount Louis, near Banff, Alberta
 12. Mountain Lake Seasonal Transition - Lake Magog, Mt. Assiniboine Provincial Park, British Columbia
 13. Heli-Skiing – Near Bella Coola, British Columbia
 14. Vineyard – Blue Mountain Winery near Okanagan Falls, British Columbia
 15. Seaplane – Lower Mainland, British Columbia
 16. Canada Place - Vancouver, British Columbia
 17. Beach Paddlers – Tofino, British Columbia
 18. Northern Lights – Canada's North

FLYOVER BRITISH COLUMBIA PROJECT

In teams of a minimum of four people, you will be creating an entire new FlyOver experience focusing on just British Columbia. This will include researching four first-person experiences for a new "Uplift" film, in addition to five scenes to be filmed from the air.

NEW UPLIFT LOCATIONS

As a group, you will need to think of locations for a new 'Uplift' based exclusively in BC. These will have to be scenes of Canadians interacting with their environment in different ways. Keep this in mind as you choose which locations you would like to include. Your four new locations/activities will be:

1. _____
2. _____
3. _____
4. _____

NEW FLYOVER LOCATIONS

As a group, you will determine which five locations you will have in the new FlyOver British Columbia. Remember that these scenes need to be an experience for guests to fly over and should try to be unique amongst themselves. These locations will be:

1. _____
2. _____
3. _____
4. _____
5. _____

“UPLIFT” BRITISH COLUMBIA

Why did you choose each location for your four new “Uplift” scenes? What will guests experience that is unique about this location?

Location: _____

Location: _____

Location: _____

Location: _____

FLYOVER BRITISH COLUMBIA

LOCATIONS

Write your chosen locations in the order they will be featured in FlyOver B.C. below.

First Location: _____

Second Location: _____

Third Location: _____

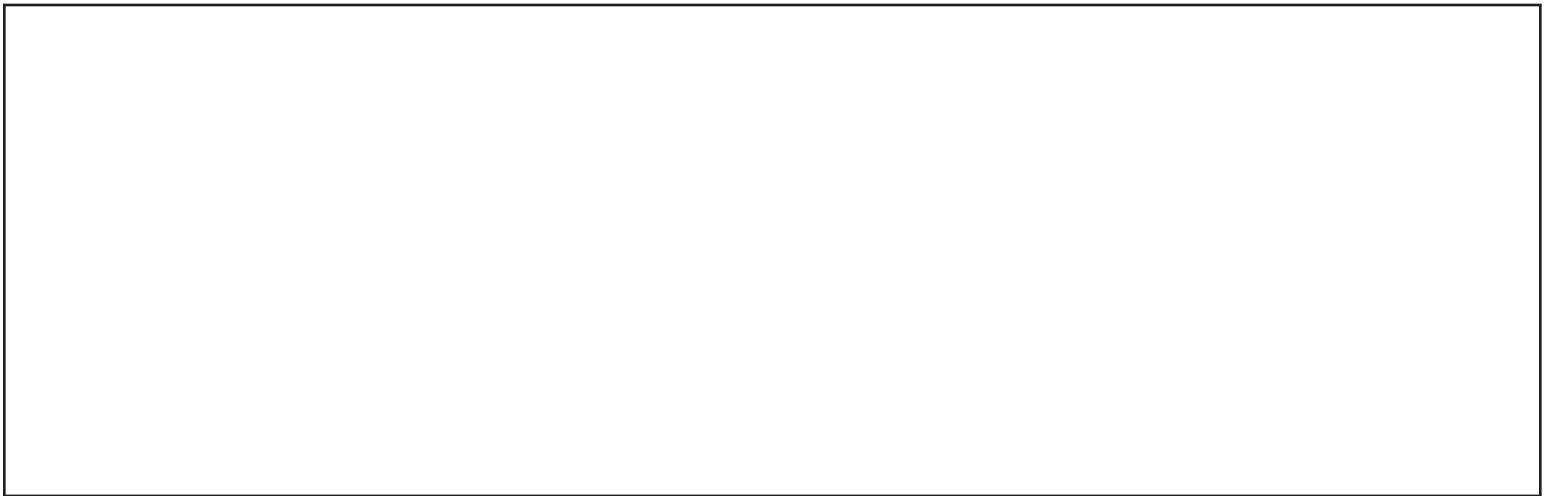
Fourth Location: _____

Fifth Location: _____

ARTISTIC CREATIVITY

Find or create a visual to represent footage to be gathered from each location. Sketch and describe each one below and be sure to include final versions in the presentation. Remember that the sky is the limit so use your creativity below.

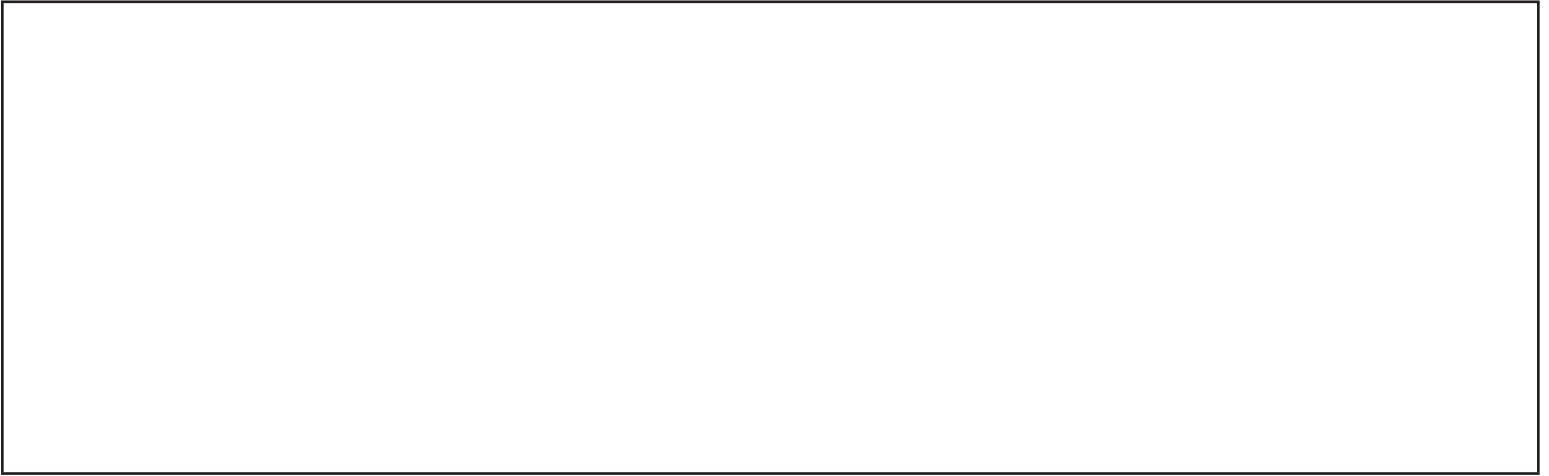
First Location



Second Location



Third Location

A large, empty rectangular box with a thin black border, intended for describing the third location.

Fourth Location

A large, empty rectangular box with a thin black border, intended for describing the fourth location.

Fifth Location

IN-DEPTH RESEARCH

Choose one of your locations and answer the following information about that location and its environment.

Location: _____

During which time of year will you want to film this location? _____

Describe the environment during this season. How does temperature, precipitation, days of sun, and other factors impact the flora and fauna at this location?

Describe the impact of water on the ecosystem of this location. Explain how the fresh or salt water supports the living organisms within the system.

What will be the focus of this location? Why?

What are the three most common animals in this area? What do their diets consist of? What makes this area a good habitat for them?

HUMAN IMPACT

Where is the closest city to this location that is above 100,000 people in population?

Describe how humans interact with the environment at this location. Have they created any negative impacts?

FLYOVER BRITISH COLUMBIA TRAVEL PLANS

LOCATION MAP

Find and label each of your five FlyOver BC scenes on the map below.



LOCATION DISTANCE

Conduct research to determine total kilometres to be traveled between each location. Google Maps is a great site for this!

Vancouver to _____ (first location) = _____ km

_____ (first location) to _____ (second location) = _____ km

_____ (second location) to _____ (third location) = _____ km

_____ (third location) to _____ (fourth location) = _____ km

_____ (fourth location) to _____ (fifth location) = _____ km

_____ (fifth location) to Vancouver = _____ km

TOTAL KILOMETRES TO BE TRAVELED = _____ km

Bonus! Calculate how many total miles will be traveled. There are 1.6 kilometres in 1 mile. _____ miles

FILMING SCHEDULE

Use the two-week calendar below to outline your team's filming schedule. Remember to provide details and to make this schedule easy to understand.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

FLYOVER BRITISH COLUMBIA TRAVEL COSTS

COST OF FUEL

Follow the steps below to determine how much it will cost your team to gather video footage for FlyOver British Columbia. Use the following hypothetical amounts to calculate the final amounts.

Total kilometres to travel = _____

1. Select an aircraft and use the kilometres per litre listed to calculate your team's total fuel cost. (Circle one)



Glider = 17 kpl



Helicopter = 13 kpl



Small Plane = 9 kpl

2. Conduct research to determine cost per litre of fuel in your area today.

Price per litre of fuel = \$ _____

3. Calculate the fuel cost.

SAMPLE

Total kilometres to travel = 1800 kilometres

Aircraft kilometres per litre (kpl) = 6 kpl

Price per litre of fuel = \$3.00

Total kilometres to travel ÷ Aircraft kilometres per litres x Price per litre of fuel = Cost of Fuel

eg. 1800 km ÷ 6 kpl x \$3 per litre = \$900

SHOW YOUR WORK

BUDGET

Combine all the data you have collected so far and complete the final budget below to suit your team's trip.

Reason	Options (circle one)	Cost/day or night	Duration	=Subtotal
Aircraft Rental	Glider (\$50/day)			
	Helicopter (\$100/day)			
	Small Plane (\$150/day)			
Hotel	Two Person (\$50/night)			
	Four Person (\$100/night)			
	Six Person (\$150/night)			
Employees	Two (\$50/day)			
	Four (\$100/day)			
	Six (\$150/day)			
Food	Two People (\$50/day)			
	Four People (\$100/day)			
	Six People (\$150/day)			
Fuel	Enter the cost			
			TOTAL COST=	

FLYOVER BRITISH COLUMBIA FINAL PROPOSAL

Now it's time to create your final proposal. Collect all the information you have found for your proposal for FlyOver British Columbia and ensure that it is presented in a visually pleasing way.