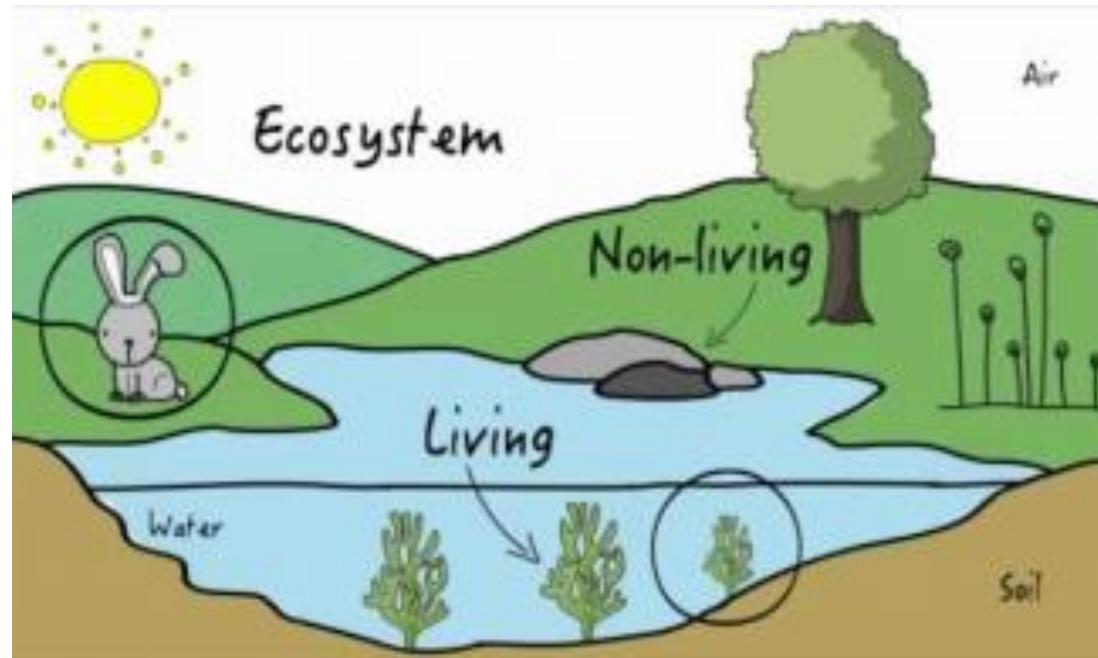


# Retrieval Activities

## Year 5 - Earth's Biomes



# Reach the top!

Answer all of the questions from each layer to reach the top! Write your green and orange answers on the sheet and the yellow and red answers in your book.

How are the trees different in the Taiga biome to the Temperate broadleaf forest?

After Lesson 1



Why is the Tropical rainforest usually located near the Equator?

Why is it challenging to be an animal in the Savanna?

The questions get more difficult as you make your way to the top, so let's see how many you can answer!

Which biome has extreme variations in temperature?

Which biome do polar bears live in?

Which biome has coniferous trees like Spruce and Pine?

Which biome has the most living things?

Which biome has rainfall all year?

Which biome would you find zebras in?

Which biome has very few plants or animals?

You can either discuss these questions, answer them on a piece of paper or print the template if you can.

# Cops & Robbers

Task 1: In the COPS box, write everything you know about the topic so far.  
Task 2: Now, look around the room at other people's sheets and add any extra information you can to the ROBBERS box.

## After Lesson 1

You can either discuss your knowledge, write it down on paper or print the template.

### Cops

- A biome is...
- The biomes around the world are...

### Robbers



Task 3: From the information you have gathered, can you now summarise how climate varies in under 50 words?

### Summary

# Pick 'n' Mix



Complete all of the tasks!

After Lesson 1

1. Guess the keywords: \_\_\_\_\_ and \_\_\_\_\_

Definition 1: A large area of land with a particular climate, type of plants and animals.

Definition 2: The general weather conditions and patterns in an area.

2. Check and fix the mistakes

The UK is in the Tundra biome.

The Tropical rainforest has low biodiversity.

There is a lot of rain in the Desert biome.

3. Give me three key features of the savanna:

1.

2.

3.

4. On the other hand: How are conditions in the Tropical rainforest different to the Desert?



You can either discuss these questions, answer them on a piece of paper or print the template if you can.



# List it!



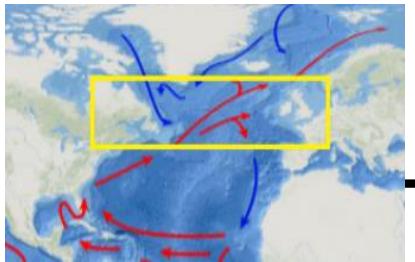
# After Lesson 2

List some ways in which humans are negatively affecting biomes:

You can either discuss the reasons, write them down on paper or print the template.

# Compare, contrast!

After Lesson 2



UK  
(Temperate broadleaf forest)

Ocean Currents

Canada  
(Mostly Taiga)



Desert

Temperature  
and  
Precipitation

Tropical rainforest

You can either discuss your knowledge, write it down on paper or print the template.

# Rewind & Retrieve

## After Lesson 2

Task: In the first box, write down everything you can remember about our last lesson. In the second box, write down everything you can remember about our lesson last week. In the last box, write down everything you can remember about a previous topic!

Last lesson (What factors affect an ecosystem?)



Last week (What biomes are there? What are the key differences?)



Previous topic (What is a slum? Why do people set up slums? What problems are faced?)



You can either discuss your knowledge, write it down on paper or print the template.

Retrieve, Retrieve, Retrieve... Complete in your exercise books

## After lesson 3

What keywords did you use or learn last lesson?

State 3 key facts about the Tundra from last lesson

Create 3 questions to test someone else's knowledge about the Tundra biome.

Draw a labelled image of the Tundra with the fauna located there.

Summarise why it's difficult for animals to live in the Tundra.

You can either discuss these questions, answer them on a piece of paper or print the template if you can.



# Think and Link Grid

## After lesson 3

Key words: Global warming, atmosphere, ice caps, oil drilling habitat, reduction, decrease.

Human actions	The Tundra's fauna	What are the effects of human actions on the Tundra's fauna?
		
		

You can either discuss your knowledge, write it down on paper or print the template.



# Vocabulary Detective

After lesson 3

## Keyword

## Definition

A tree that sheds its leaves in the Autumn.

Fauna

The plants that live in a particular biome.

A community of living and non-living things that work together.

Equator

The variety of living things that live somewhere.

Deforestation

You can either discuss the vocabulary, write the terms on paper or print the template.



List it!

After Lesson 4

List as many animals within the Taiga as you can:

List as many coniferous trees within the Taiga as you can:

You can either discuss the reasons, write them down on paper or print the template.

# Noughts and Crosses

After Lesson 4

You need to answer the questions correctly to earn the chance to place a O or X -  
The first person to connect three symbols wins the game!

You can either discuss these questions, answer them on a piece of paper or print the template if you can.



Which biome receives  
the least amount of  
rain a year?

Roughly how much  
rainfall does the Taiga  
biome get a year?

Which biome receives  
the highest amount of  
rain a year?

What is special about  
conifer trees?

How are animals adapted  
to survive the cold  
conditions in the Taiga?

Why is the Taiga  
biome a challenging  
place to live?

What is another name  
for the Taiga biome?

Which biome is  
located immediately  
north of the Taiga?

Can you name 2  
animals that live in  
the Taiga?



## After lesson 5

# Retrieval Interleaved Practice Grid!

How do humans rely on biomes?	Why is life hard for animals in the Tundra?	Name an animal that lives in the Savanna.
What crimes are a problem in the slums?	Name one continent where the Savanna can be found.	Name a pull factor for people setting up slums.
What factors affect biomes?	Describe a problem that people face in slums.	How is the climate during the seasons so different?
What is a biome?	Name an animal that lives in the Taiga.	What are the slums in Brazil called?

Last Lesson  
(1 Point)

Last Week  
(2 Points)

Last Month  
(3 Points)

Last Topic  
(4 Points)

You can either discuss these questions, answer them on a piece of paper or print the template if you can.

# Cops & Robbers

## After Lesson 5

Task 1: In the COPS box, write everything you remember from L5.  
Task 2: Now, look around the room at other people's sheets and add any extra information you can to the ROBBERS box.

You can either discuss your knowledge, write it down on paper or print the template.

### Cops

- The climate conditions in the Savanna are...
- Some animals that live in the Savanna are...

### Robbers



Task 3: Can you describe why animals in the Savanna often need to migrate long distances?

### Summary

# What is the link?



Each of the images in the table has a link to our current topic.

Can you explain how it links?

After lesson 6

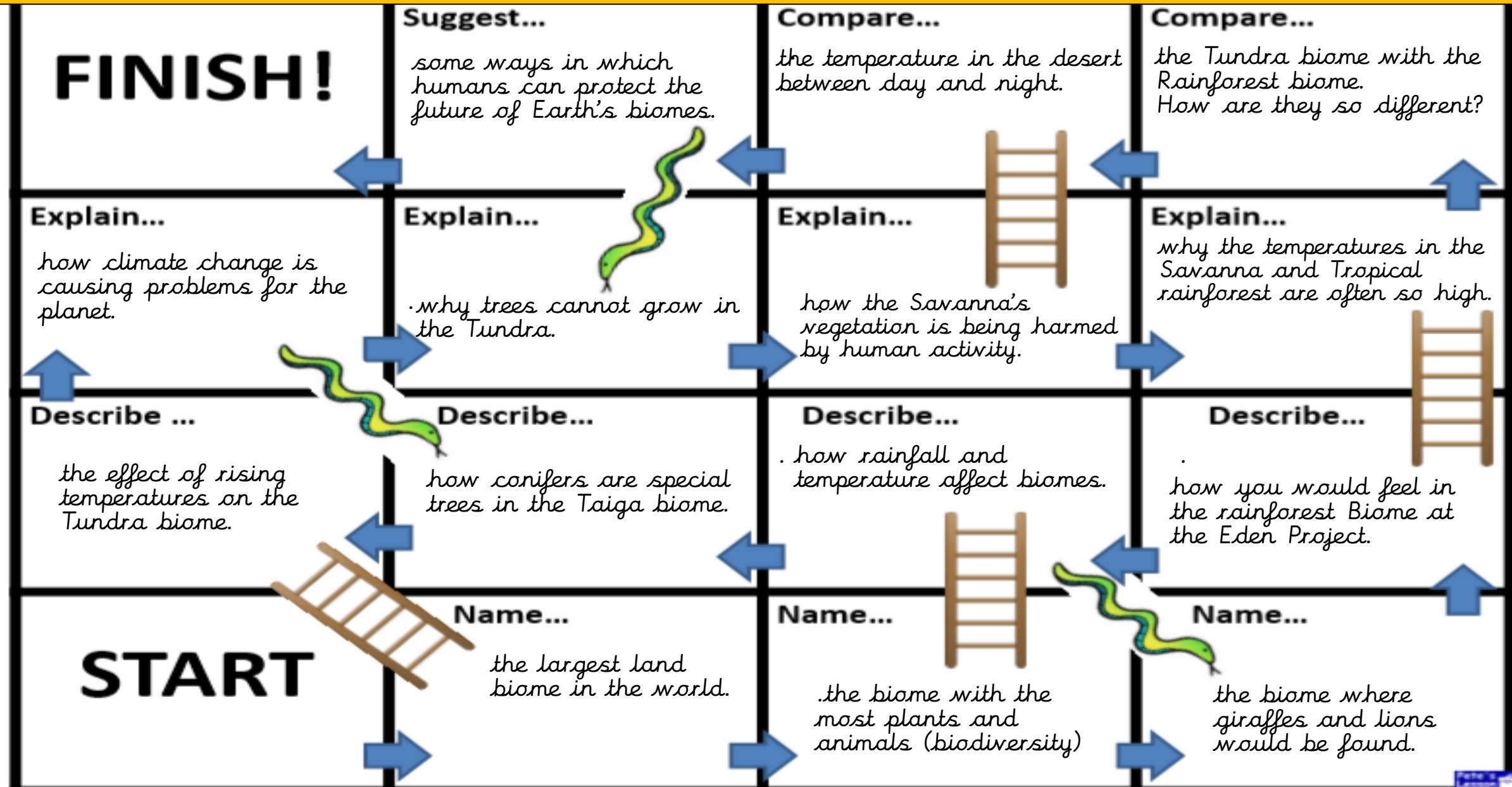
Image	Link to our topic (Earth's Biomes)
	Tropical rainforest, equator, humid, rainfall, biodiversity
	Rainfall, water, crops, animals, plants, survive
	Greta Thunberg, climate activist, governments, awareness, Global warming

You can either discuss your knowledge, write it down on paper or print the template.

# Snakes and Ladders

## After Lesson 6

You can either discuss these questions, answer them on a piece of paper or print the template if you can.



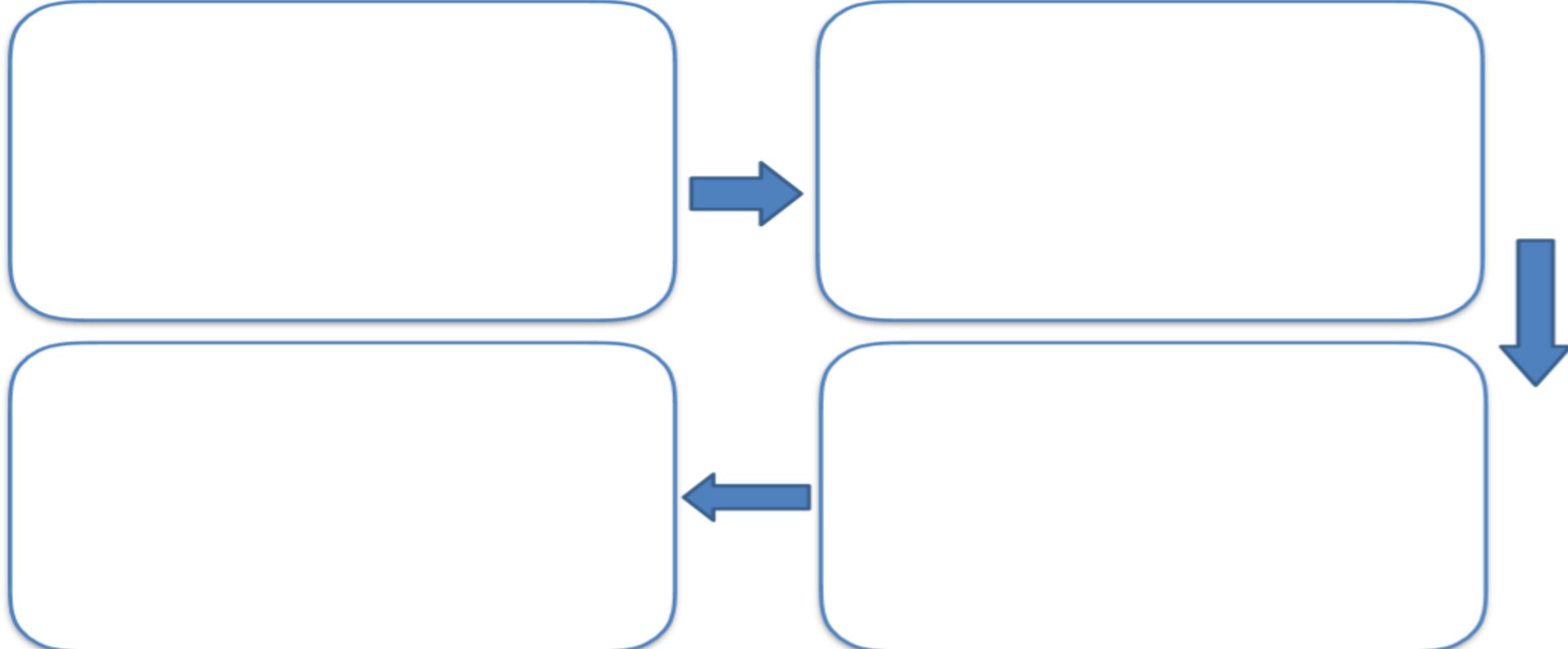


# Retrieval Relay Race

## After Lesson 6



In the first box, write as much as you can remember about our topic. In the second box, one of your peers must write what they can recall about our topic but they cannot repeat any of the information from your first box! The third box needs to be completed by someone else but again this must include new information and the same for the final box.



You can either discuss your knowledge, write it down on paper or print the template.