

LO: To use a range of connective to explain and show cause and effect.

When I arrived at school the gate was locked.

As a result, I had to wait in the rain.

Because of this I got soaking wet. Eventually, Miss Armstrong arrived ...

which meant that

To show cause and effect/to explain
As a result
This means (that)
Because of
Due to
Which is why
Resulting in
As such
Meaning that

What are conjunctions? What purpose do they have?

Have a quick discussion with your partner and share your ideas with the class.

Conjunctions can help us add to our ideas, contrast them, compare them, explain them and emphasise them. How many different ways can we link these sentences?

For six months of the year, the temprature is below 0 degree celcius.

There is a very short growing season.

There is very little variety of plants.

Today we will focus specifically on those conjunctions that explain and show cause and effect.

To show cause and effect/to explain
As a result
This means (that)
Because of
Due to
Which is why
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Meaning that

as a result of	seeing that	this led to
because	since	hence
because of	so	this causes
consequently	thanks to	in order to/ that
due to	the reason	resulting in
due to the fact	therefore	thereby
on account of	whereas	similarly
thus	which means	for this reason
resulting in	as a consequence of	otherwise

Identify the explanation/cause and effect connectives in these two paragraphs.

Diversity

There is little variety in terms of plants in the taiga. The majority of trees are conifers, which is why the taiga is referred to as the coniferous forest. Conifers - including pines, spruce, hemlock and fir - are evergreen and don't drop their leaves in autumn. This means there are few nutrients in the soil, which is why there is not much variety in the vegetation. Interestingly, taiga trees have many adaptations for surviving their environment which include a conical shape to allow snow to slip off easily as well as leaves with waxy protective coatings to lock in moisture.

Human processes

Although two major cities (Toronto and Moscow) are located in the taiga biome, most of it is uninhabited. As such, you would think that it would be little impacted by human processes. Unfortunately, the taiga forests are endangered due to logging and mining, in particular, open cast tar sands mining. When trees are cut down in the taiga, it takes a long time for new trees to grow because of the short growing season meaning that the forests are not replenished. This has impacts not only on the number of trees but also habitats, and more importantly, global warming due to the reduced capacity to absorb carbon.

Use a connective to connect the first two sentences.

Tundra Biome

- It has a cold climate and harsh growing conditions.
- It cannot support trees.
- There is permafrost.
- Very few species can survive in this biome.
- Buildings and roads put heat on the permafrost.
- The permafrost melts.
- Oil drilling is a human activity there.
- Oil spills can occur.
- Oil spills kill wildlife and damage tundra ecosystems.
- There are harsh winters.
- Polar bears eat fatty meat to give them enough energy to survive.
- There are severe winter winds.
- The plants that do grow often grow in clusters.

as a result of because because of consequently due to due to the fact on account of thus resulting in	seeing that since so thanks to the reason therefore whereas which means as a consequence of	this led to hence this causes in order to/ that resulting in thereby similarly for this reason otherwise
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To show cause and effect/to explain
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Write a paragraph about the Tundra biome using connectives (focus: explain/cause and effect)

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