

DYNAMIC GLACIERS

Vocabulary Game

Grades

4-6

Objective

In their study of glaciers, student will encounter a lot of specific new terms. These activities will give them opportunities to build these words into their vocabulary.

What's Inside?

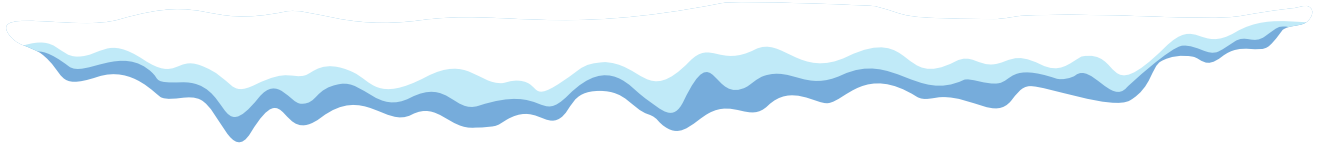
- Suggested Vocabulary List
- Glacier Word Hogwash Game





GLACIER VOCABULARY LIST

- accumulation: the snow and ice that pile up and form the glacier
- ablation: all the melting, wind erosion, and evaporation that shrink glaciers.
- alpine: a kind of glacier that forms in mountains.
- arctic: of, relating to the north pole or the region around it
- calving: what happens when icebergs break off from a glacier into a lake or ocean.
- cirque: a bowl-shaped landform in the side of a mountain made by the head of a glacier.
- crevasse: a large crack in the surface of a glacier produced by the stress of glacial movement.
- erosion: the action of water, wind, or glacial ice that wear away the land.
- firn: a type of snow sandwiched between hard glacial ice below and new snow on the surface
- fjord: a deep, narrow inlet of the sea carved by glaciers.
- glacier: a slowly moving mass of ice
- glacial: relating to or coming from a slowly moving mass of ice
- head: where the glacier starts.
- iceberg: a large frozen mass floating at sea
- ice cap: an ice field that forms over mountains and covers them completely.
- ice age: a time period when glaciers cover much of the planet
- icefall: a steep part of a glacier resembling a frozen waterfall
- ice field: a field of ice that completely covers a flat area.



GLACIER VOCABULARY LIST (CONT.)

- moraine: a land form made from accumulated earth and stones left behind by a glacier
- neve: the upper layer of a glacier where the snow is compressed into ice
- polar: of or relating to the areas around the North or South poles
- surge: when a glacier moves faster than normal
- tarn: lakes that fill up cirques after a glacier has melted
- terminus: the end of the glacier. It is also called the foot, snout, or toe.

GLACIER HOGWASH

This game is played by pairs of students.

1. One player draws a card and reads the two definitions. Don't read the word at the top of the card! See example cards below
2. The other player has to guess which definition is correct and which ones is "hogwash."
3. If they guess correctly, they get to keep the card.
4. Then it's the other player's turn. **The player with the most cards in the end wins!**

accumulation

- Piling up, like the snow and ice that pile up and form the glacier.
- A layer of rocks underneath a glacier

HOGWASH!

crevasse

- A large crack in the surface of a glacier caused by glacial movement.
- A glacial movement that causes cracks in the glacier's surface.

HOGWASH!

glacier

- A slowly moving mass of ice
- A layer of snow that gathers on top of a field.

HOGWASH!

iceberg

- A large frozen mass floating at sea
- A large mass of snow that rolls down a glacier

HOGWASH!

head

- The place where a glacier starts.
- The top of an iceberg that falls off a glacier.

HOGWASH!

fjord

- A deep, narrow inlet of the sea carved by glaciers.
- An ice valley carved by the sea.

HOGWASH!

glacial

- Relating to or coming from a slowly moving mass of ice
- Next to a low moving mass of ice

HOGWASH!

icefall

- A steep part of a glacier resembling a frozen waterfall
- A shower of ice that falls off a glacier into a lake or ocean

HOGWASH!

ablation

- The melting, wind erosion, and evaporation that shrink glaciers.
- The natural forces that enlarge glaciers

HOGWASH!

alpine

- A kind of glacier that forms in mountains.
- A kind of tree that grows on glaciers

HOGWASH!

calving

- What happens when icebergs break off from a glacier into a lake or ocean.
- When glaciers break and form many, smaller glaciers

HOGWASH!

erosion

- The action of water, wind, or glacial ice that wear away the land.
- The speed of a moving glacier

HOGWASH!

ice cap

- An ice field that forms over mountains and covers them completely.
- The ice that forms on the surface of an iceberg

HOGWASH!

moraine

- A land form made from accumulated earth and stones left behind by a glacier
- A lake carved by an alpine glacier

HOGWASH!

ice field

- A field of ice that completely covers a flat area.
- An field of ice that covers mountains

HOGWASH!

terminus

- The end of the glacier. It is also called the foot, snout, or toe
- A layer of ice and rocks at the bottom of a glacier

HOGWASH!

neve

- The upper layer of a glacier where the snow is compressed into ice
- A sandwich layer of rocks caught in a moving glacier

HOGWASH!

polar

- Of or relating to the areas around the North or South poles
- Cold, freezing

HOGWASH!

firn

- A large frozen mass floating at sea
- A large mass of snow that rolls down a glacier

HOGWASH!

tarn

- The place where a glacier starts.
- The top of an iceberg that falls off a glacier.

HOGWASH!

cirque

- A deep, narrow inlet of the sea carved by glaciers.
- An ice valley carved by the sea.

HOGWASH!

surge

- When a glacier forms more ice than usual
- When a glacier moves faster than normal

HOGWASH!

ice age

- A time period when glaciers cover much of the planet.
- The age of the ice and snow scientists dig out of glaciers

HOGWASH!

arctic

- Of, or relating to the north pole or the region around it.
- A semicircular dent in the foot of a glacier

HOGWASH!