



# ICE AGE

## DISCUSSION

1. Creationists and evolutionists AGREE from the evidence that there was an Ice Age. What do they disagree on?

*While creationists and evolutionists have the same evidence for the Ice Age, we differ greatly on the interpretation of that evidence. The Bible gives us the mechanism for the Ice Age in Genesis 6–9, the account of the Flood. Evolutionists also believe that there were many ice ages over millions of years, but biblical creationists believe there was only one about 4,000 years ago.*

2. Listen for these terms:

**Glacier** *Huge sheet of moving ice*

**Till** *Unsorted glacial sediment*

**Moraine** *Accumulated glacial sediment*

**Crevasse** *A deep crack found in a glacier or ice sheet*

**Iceberg** *A floating chunk of ice that has broken off of a glacier*

**Calving** *The process of an iceberg breaking off from the glacier*

3. The Ice Age likely occurred over several hundred years after the global flood, which covered the whole earth. Did the Ice Age cover the whole earth?

*No, it covered a large portion, but just near the top and bottom of the earth and in high mountains. A good bit of land both north and south of the equator would still have been warm during this time.*

4. Without a mechanism to even form one ice age, evolutionists believe there could have potentially been up to 40 different ice ages in earth's history. What do they base this on?

*Assumptions that each ice core ring that they find represents one year. This is despite the evidence that ice sheets can form rapidly from multiple snowfalls.*

5. After Buddy's "Glacier Blues," he explains where glaciers REALLY get their blue color from. The glacier is so dense that it \_\_\_\_\_ all the other colors of the spectrum.

*Absorbs. All other visible light (the colors of the rainbow) is absorbed by the glacier while the blue light is reflected.*

6. Which biblical figure (from one of the oldest books of the Bible) did Buddy suggest may have lived during a portion of the Ice Age?

*Job. While he didn't live in a region that would have been highly affected by the Ice Age, it is reasonable that he may have lived through a portion of the Ice Age. The mentions of ice and snow and the time he lived are possible connections to the Ice Age.*

7. How many different animals and musical instruments can you count in "Saber Tooth Cat"?

*Look for a dire wolf, woolly rhino, mammoth, cave bear, and more animals while Buddy plays the guitar, banjo, upright bass, mandolin, bongo drum, and many more instruments! How many did you find?*

8. Buddy talked about different animals that lived during the Ice Age like giant sloths and beavers, cave bears, saber-tooth cats, and the mastodon. With each of these, he spoke of a modern-day relative of that animal. Why are they so similar to animals we know today?

*All of the animals that we know today are descendants of the animal kinds that came off the Ark (and descended from the original created kinds). There is a lot of variety between and within species, but we can recognize animals from the same kind (or family) even though there are some differences.*

9. True or False: Volcanoes were a big contributing factor to the beginning of the Ice Age.

*True. The steam and ash from volcanoes (when the fountains of the great deep broke forth during the Flood) would have produced dark clouds that would block and reflect sunlight back into space. This would lead to cooler temperatures and the start of the Ice Age.*

10. Buddy lists 10 requirements for the Ice Age, but specifically sings about the three necessary components and the “key” to unlocking the mystery of the Ice Age. What are they?

*To get an Ice Age, you need cool summers.*

*To get an Ice Age, you need mild winters.*

*To get an Ice Age, you need tons of snow*

*and the worldwide Flood is the key . . . to unlock the Ice Age mystery!*

## ACTIVITIES

1. Visit a museum (such as the Creation Museum near Cincinnati where Buddy showed the mastodon) to learn more about the animals of the Ice Age. If you are going to a secular museum, ask your mom or dad how you can interpret the findings with a biblical worldview.

2. Listen to Buddy Davis' good friend Ken Ham talk more about the "Lost Squadron" in this one-minute radio program: <https://answersingenesis.org/media/audio/answers-with-ken-ham/volume-121/ice-cores-in-thousands-of-years/>.
3. In this activity, you will make a cloud and snow. (From *God's Design: Our Weather and Water* science curriculum, p. 43.)

*Procedure:*

- *Line the inside of a small box with black construction paper and place the box inside a larger box.*
- *Using gloves, place small pieces of dry ice in the larger box around the edges of the small box then cover the dry ice with newspaper. **Warning: never use dry ice without adult supervision. Dry ice can cause serious injury if not used carefully.***
- *Cover the small box with a piece of cardboard for about 10 minutes.*
- *Remove the lid and gently breathe into the cooled air. You should see your warm breath condense in the cool air forming a cloud.*
- *Now, place a small piece of dry ice into a towel. Use a hammer to smash the ice into very small pieces.*
- *Turn out the lights and shine a bright flashlight at an angle through your cloud.*
- *Using gloves, sprinkle a few tiny fragments of dry ice onto the cloud. You should be able to see moisture crystallize and fall onto the paper as snow.*

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