


ICE AGE







WORKSHEETS

DIARY OF AN ICE AGE MAN

People during the Ice Age used to write or paint on their cave walls about their lives. Pretend you are one of them. Using symbols and simple characters,

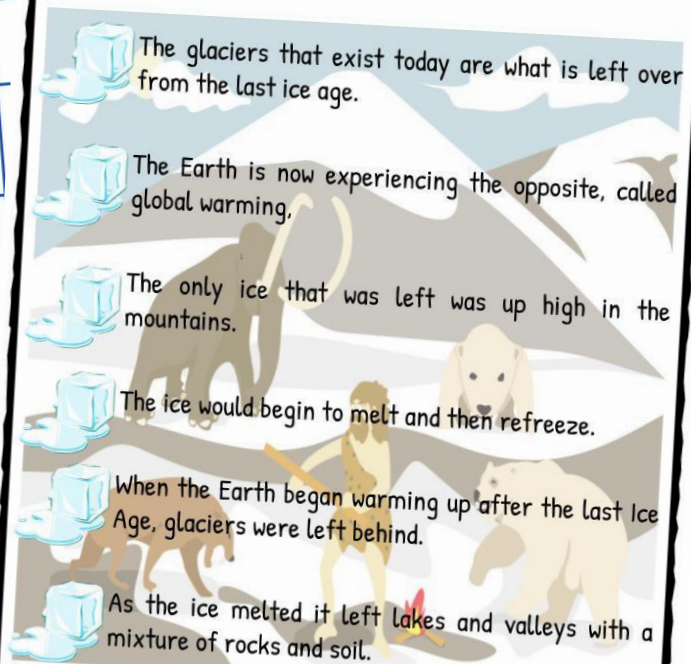
TRUE OR NOT?


If the statement is true, draw a snowflake  TRUE column. Otherwise, draw it under the FALSE column.


| STATEMENT | TRUE |
|---|------|
| Woolly mammoths are now extinct.  | |
| An Ice Age is the presence of extensive ice sheets on the surface of the Earth.  | |
| When the Earth began warming up after the last Ice Age, no glaciers were left behind.  | |
| Polished bedrock and gravel piles are evidence that the Ice Age existed.  | |
| Scientists believe that the Ice Age occurred because the sun was non-existent.  | |
| Melted ice left lakes with mixed rocks and soil.  | |


SEQUENCING ICE CUBES


Number the ice cubes according to the order of events that happened during the Ice Age.





 The glaciers that exist today are what is left over from the last ice age.

 The Earth is now experiencing the opposite, called global warming.

 The only ice that was left was up high in the mountains.

 The ice would begin to melt and then refreeze.

 When the Earth began warming up after the last Ice Age, glaciers were left behind.

 As the ice melted it left lakes and valleys with a mixture of rocks and soil.

FREE SAMPLE

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- Ryan, Beth & Nicola :)

ICE AGE FACTS



An ice age is a period of long-term reduction in the temperature of the Earth's surface and atmosphere, resulting in the presence or expansion of continental and polar ice sheets and alpine glaciers. See the fact file below for more information and facts about ice ages.

- There have been approximately 11 different ice ages during the Earth's 4.6 billion years of existence. The last ice age was called "The Great Ice Age", and it occurred 11,000 years ago. During the Great Ice Age, over a third of the Earth was covered in ice, and the air had less carbon dioxide in it.

ICE AGE FACTS

- Scientists believe there are two explanations of why the ice ages might have occurred. They believe temperatures were much colder so it never rained, only snowed, or the Earth changed its tilt away from the sun.
- When the Earth began warming up after the last Ice Age, glaciers were left behind. Glaciers are sheets of ice that cover rivers and valleys. The ice would begin to melt and then refreeze. This process went on for millions of years.
- About 10,000 years ago, the Earth began to warm up and the ice started to melt. As the ice melted it left lakes and valleys with a mixture of rocks and soil. The only ice that was left was up high in the mountains. The glaciers that exist today are what is left over from the last ice age.



ICE AGE FACTS

- Louis Aggasiz was one of the first scientists to study the clues of the ice age. He was a Swiss-born American zoologist, geologist, and paleontologist, with a special expertise in ichthyology (the study of fish). He was one of the most famous scientists of his day. He was the founder and director of Harvard's Museum of Comparative Zoology.
- In the mid 1800s, when Aggasiz told scientists that the boulders they saw had been left by glaciers, they thought that he was crazy. At this time in history, scientists believed the boulders had been placed there by Noah's flood or by witchcraft. Louis Aggasiz proved that the glaciers had brought the giant boulders because they were made of a kind of rock that couldn't be found in that area. The boulders were made of granite.



ICE AGE FACTS

- Other things that proved that the ice age really existed included the polished bedrock that was found, large sand and gravel piles, big valleys, and rough mountain tops.
- Some of animals that could be found during the Ice Age were the woolly mammoth, woolly rhinos, cave bears, horses, wolves, bison and reindeer. Woolly mammoth, cave bear, and woolly rhino are now extinct, but we know they existed during the Ice Age because people painted pictures of these animals on the sides of their caves. The skeletons of the animals have also been found. Cuts in these bones, from the hunters' knives, were found and in some cases, the knives had been left sitting next to the skeleton.



ICE AGE FACTS

- Ice Age people lived 35,000 years ago. The men hunted and the women and children prepared the food and made the clothing and shelters. Every part of the animal that was hunted was used. The meat and organs were used for food. Their skins were cut and sewn into clothing, blankets and shelters. The stomach was used to carry water. The bones were used for needles, weapons and tools.
- During the Ice Age the land looked very different. The Earth was frozen and bare. When the land and temperatures are this barren and cold, the biome is called the tundra. Because the weather is so cold and the ground is frozen, very few plants can exist.



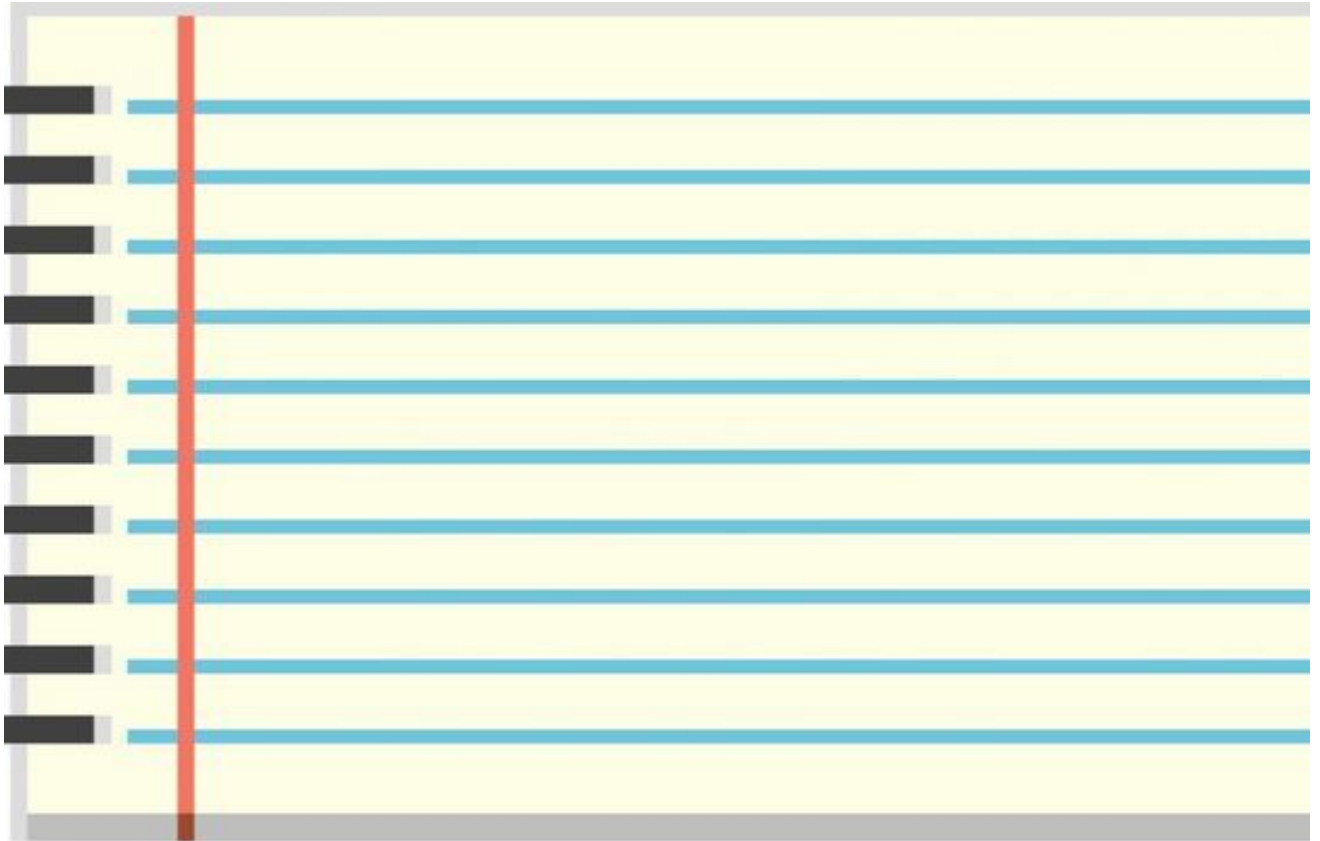
ICE AGE FACTS

- The only trees that grew during the ice age were evergreens. No grass or flowers grew, just shrubs, bushes, and moss grass. In the northern parts of North America, Europe, and Asia there is still tundra.
- Right now, the Earth is experiencing the opposite effect of an ice age, known as global warming.



ICE AGE IDEA

Watch the movie "Ice Age" (1,2,3 or 4) or find a clip on YouTube and then write down your ideas of how life was like during the Ice Age era.



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