



SCHOLASTIC

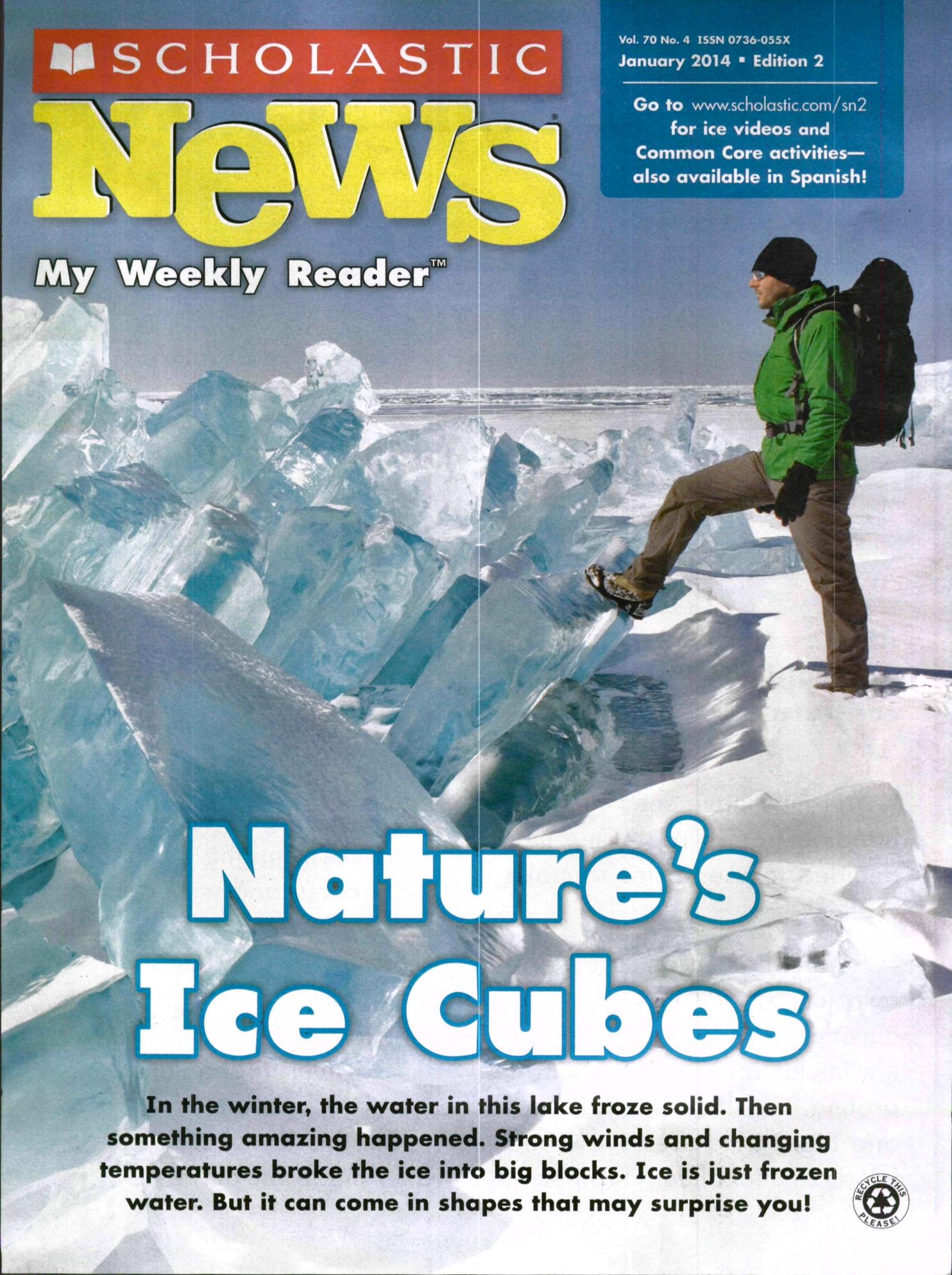
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NEWS

My Weekly Reader™

Go to www.scholastic.com/sn2
for ice videos and
Common Core activities—
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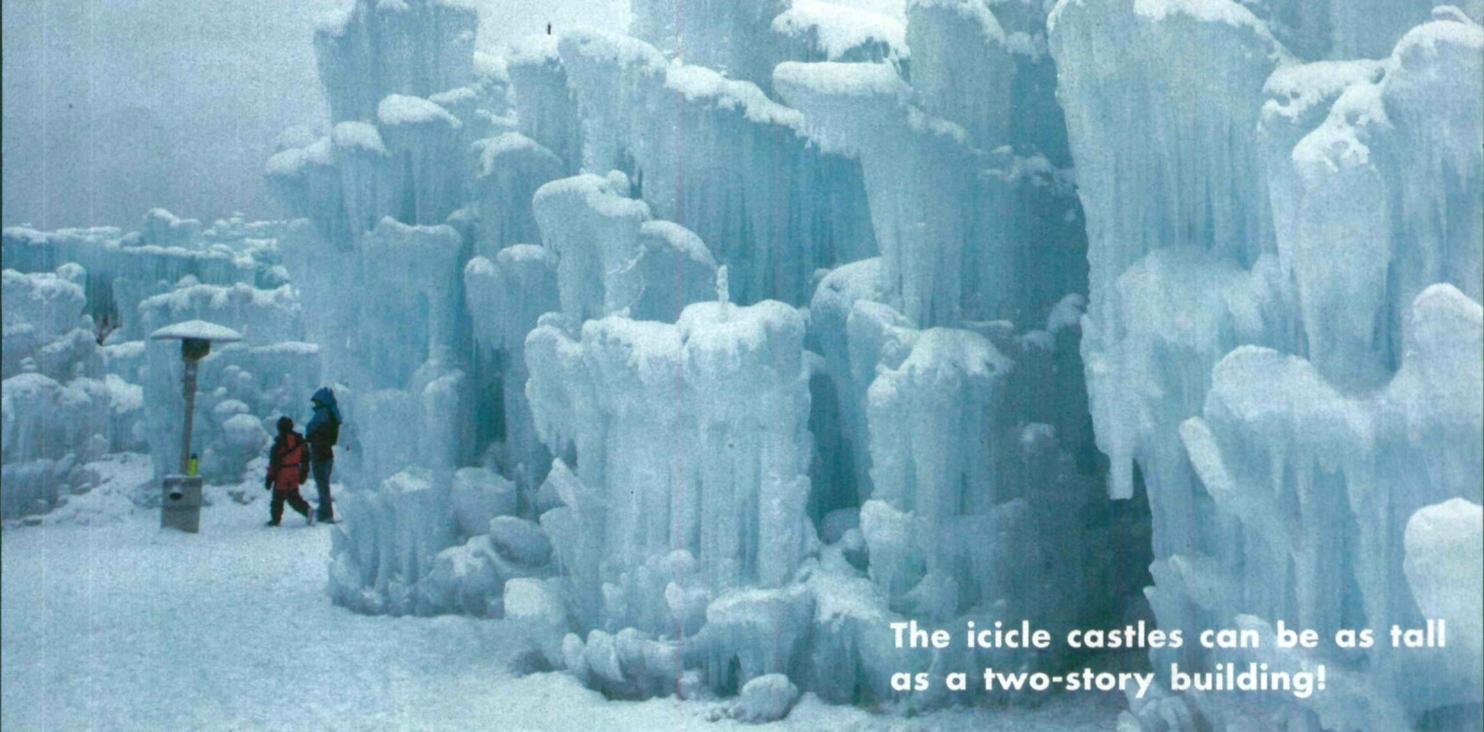


Nature's Ice Cubes

In the winter, the water in this lake froze solid. Then something amazing happened. Strong winds and changing temperatures broke the ice into big blocks. Ice is just frozen water. But it can come in shapes that may surprise you!



Incredible Ice



The icicle castles can be as tall as a two-story building!

All ice starts with the same two ingredients: water and cold air. What happens next can be amazing. Ice can form in some unusual shapes and unusual places.

Castles of Ice

You may have seen icicles hanging from a roof. One man decided to use icicles to make castles!

Brent Christensen “grows” his own icicles by spraying water outside on a cold day. He takes the icicles and puts them in the ground. He stacks them higher and higher. He uses snow and water to stick them together.

Each castle can take a month to build. He lights up the castles at night. People come and walk through these icy palaces.

Fire and Ice

Last winter, firefighters covered a building in ice. But this icy place wasn't made on purpose.

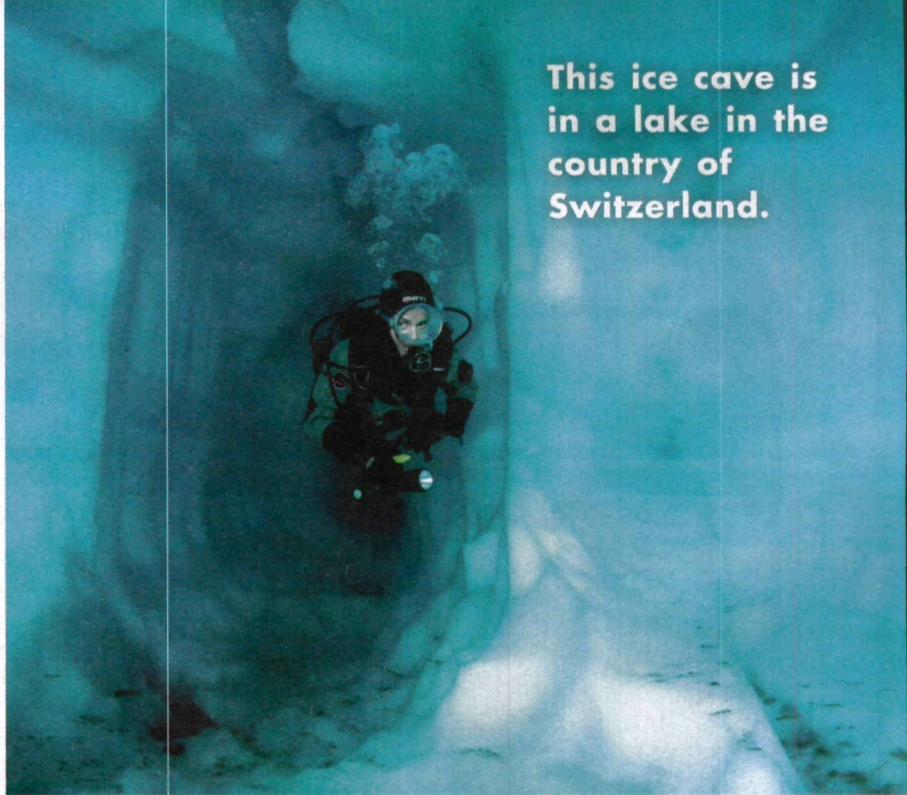
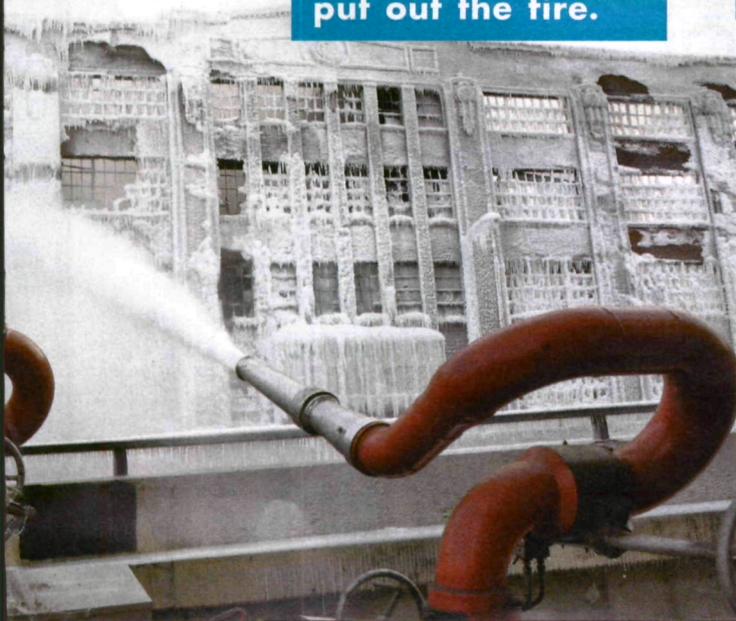


The firefighters worked to put out a huge fire in Chicago. They sprayed water from their hoses onto a burning building.

The night was freezing cold. As they sprayed, something strange happened. The water from their hoses froze on the building!

After many hours, the firefighters put the fire out. No one was hurt. Everything was back to normal, except for the building. It was totally covered in ice.

It took almost 200 firefighters to put out the fire.



This ice cave is in a lake in the country of Switzerland.

Underwater Ice

Sometimes, ice is hidden deep in a lake. In one lake, dark ice caves lie far below the surface of the water.

How do the caves form? In the winter, the water in the lake freezes. As the weather gets colder, the ice gets thicker.

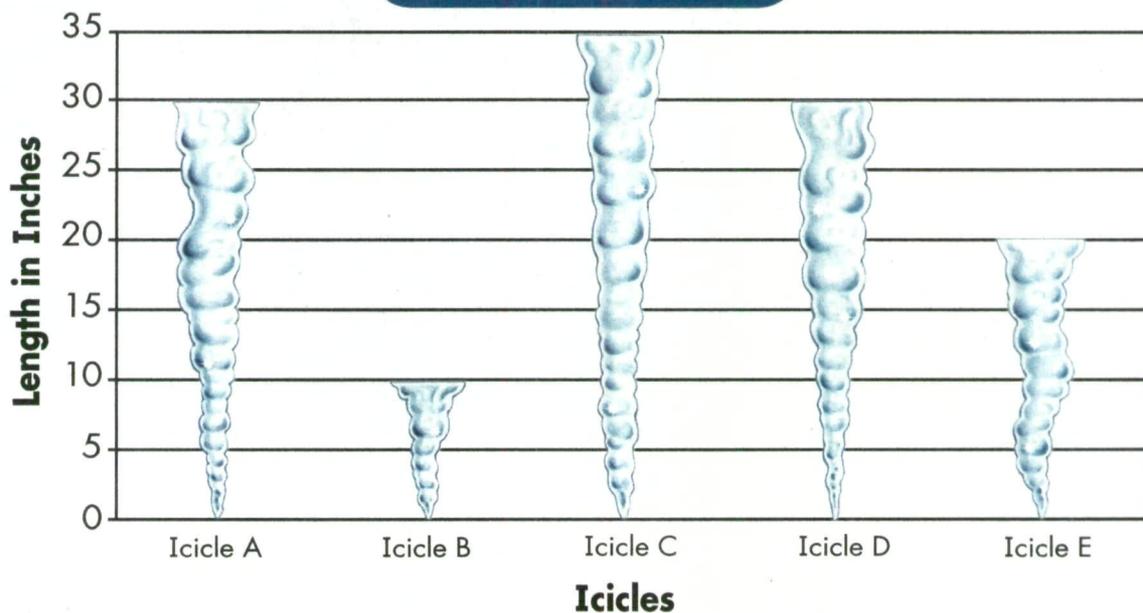
In the spring, the lake begins to melt. Holes form in the ice. The holes get bigger and turn into ice caves!

The caves are dark, cold, and dangerous. Only expert scuba divers should swim in them.

Name _____

This bar graph shows the length of some icicles in an icicle castle. Read the graph. Then answer the questions.

Icicle Graph



1. How long is Icicle C?

 10 inches

 25 inches

 35 inches

2. Which icicle is 20 inches long?

 Icicle B

 Icicle D

 Icicle E

3. Which two icicles are the same length?

 Icicle A and Icicle B

 Icicle A and Icicle D

 Icicle C and Icicle E

4. How long are Icicle C and Icicle D together?

 65 inches

 50 inches

 35 inches

Bonus

There are 12 inches in a foot. Which icicle is less than a foot long?

 Icicle A

 Icicle B

 Icicle C

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