

science 1a

how to build an igloo

Test your arctic science skills!



Name:

These instructions are in a muddle. Sort the sentences and pictures into the best order.

Keep building until the top is about shoulder height.

Make a tunnel for the entrance, or dig down into the snow.

Stamp out a firm area on the ice for the base of the igloo.

Fill in the cracks between the blocks with snow.

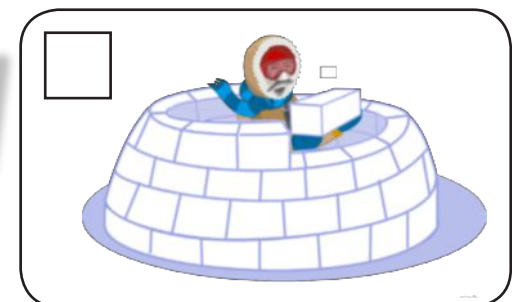
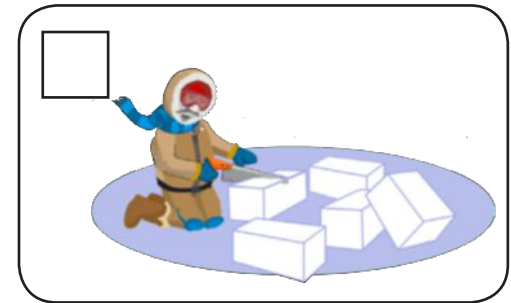
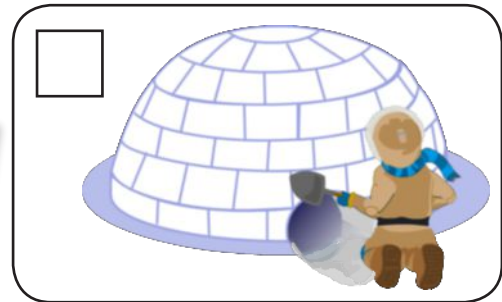
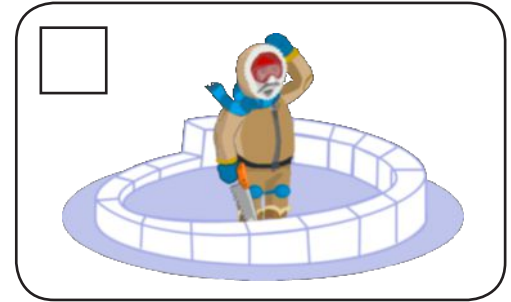
Cut blocks of ice with a snow knife.

Put one single block in the hole at the top.

Place the blocks around the base in a circle.

Start on the second row of blocks, shaping them to slant towards the middle.

Cut vents for air circulation.



[children either number the boxes, or cut and stick on a separate sheet]



Help save the Arctic, track real polar bears and have some learning fun with Auro and Borea at www.panda.org/polarbears

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What does insulation mean?

So how does an igloo keep you warm? Fit the missing words into the passage to find the answers.

The ice keep out the freezing winds.

Snow is pushed into the to keep out the wind.

The warmth inside of the melts the surface of the ice walls.

This freezes again and forms an surface.

Hot air from your body and is trapped in the dome.

Cold air into the 'sink pit' and flows to the outside.

Words to help you:

cracks

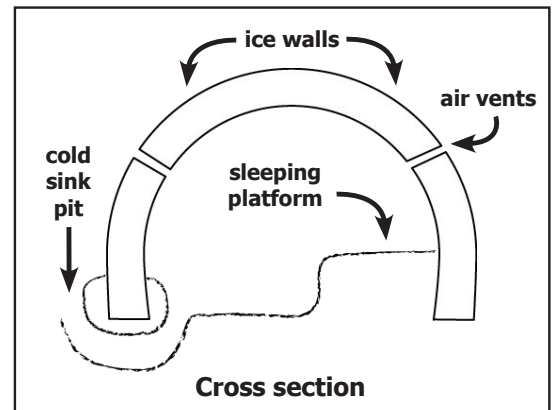
air-tight

igloo

falls

walls

rises



How did people living in the Arctic use these materials to keep warm?



animal skins



ice blocks



snow



animal fat



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