









Does it sink or float?





		
Pick an object	Put it in the water	Does it sink or float?

		Sink	Float
	Rock		
	Wood		
	Ice		
	Apple		
	Pear		

Where do the fish go in a frozen pond?



How cold is water when it freezes?

	
Put the ice in the water.	Stir, and wait for 1 minute.
	
Measure the temperature.	Do the same for salty water.





Temperature of icy water: _____

Temperature of icy salty water: _____



True or False?: Seawater can get colder than 0 °C.

How can we keep warm in Antarctica?

	
1. Pick something to wrap the ice.	2. Leave one ice cube with nothing.
	
3. Guess which will feel coldest? _____	4. Hold them in your hand to check.

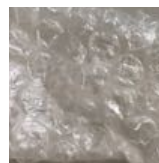
Which felt most cold (cross) and least cold (circle)?



Foil



Sock






Bubble wrap



Nothing

What could you wear to keep warm in Antarctica?

Where does melted ice go?

		
Drop the coloured ice cube in the water.	Watch what happens.	Do the same for salty water.

Where did the melted coloured ice go in fresh water?

Where did the melted coloured ice go in salty water?



True or False?: Warm water can melt the bottom of ice shelves?