

# TAKE ME OUT

LET'S LEARN OUTSIDE!



WINTER

1

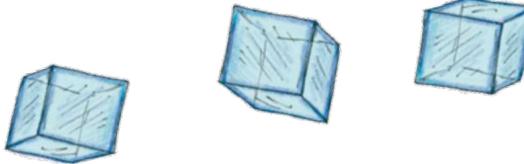
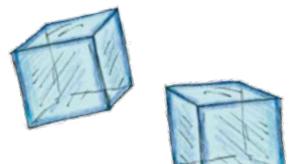
## ICE MELTING

Experience is the best teacher. Let's make a simple experiment with ice, to find out how ice melts under the influence of different circumstances. Although it's not complicated, you can ask an adult for help. I hope you will enjoy it.



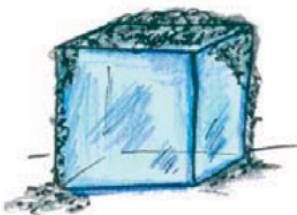
### WHAT DO YOU NEED:

5 ice cubes, 5 bowls, a spoon of ash, a spoon of sand, a spoon of salt and printed observation card

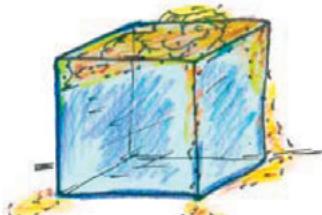


### PROCESS:

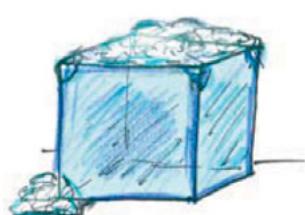
Put one ice cube into a bowl. Then place that bowl on a sunny place. Put the second ice cube into a second bowl and place it in a shady place. Put the third ice cube into another bowl and sprinkle salt over it. Do the same with the fourth cube just with sand. And repeat this with the last ice cube and put ash over it. Place an observation card next to each bowl (wrapped in plastic bag). Check the melting ice cubes in regular intervals (for example every 15, 30 or 60 minutes – depending on how warm the day is). Write down the results of the observation on the cards (mark the state of the observed cube with a circle).



ASH



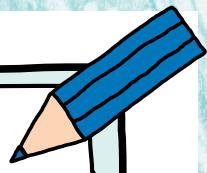
SAND



SALT

ORDER OF  
OBSERVATION

# OBSERVATION CARD



1.					
2.					
3.					
4.					
5.					

## FINALLY SPEAK ABOUT WHAT HAVE YOU LEARNT:

WHICH ICE CUBE MELTED FIRST?

WHAT IS FORMED FROM ICE WHEN IT MELTS?

HOW AND FROM WHAT IS ICE CREATED?

WHEN IT IS IMPORTANT FOR PEOPLE TO MELT ICE OUTSIDE AND WHY?

## SMALL GAME TO KEEP YOU WARM

I made some claims about the ice for you, but not all of them are true. If the claim is true, jump up, if not squat. So, did you warm up?



ICE IS COLD.  
ICE MELTS IN WARMTH.  
ICE SMELLS NICE.  
ICE IS A FROZEN AIR.  
LICKING ICE IS A GOOD IDEA.  
ICICLES ARE ICE TOO.

WHEN ICE MELTS, IT BECOMES WATER.  
YOU CAN PUT ICE TO YOUR POCKET.  
NATURAL ICE IS COLORLESS.  
ICE SMELLS BAD.  
YOU CAN SLIDE ON ICE.  
ICE IS WARM.



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