Autumn 2 Science Quest

Are you ready to challenge yourself with a Science Quest?

Earn 10 house points for your house by completing a challenge and sharing it in school.

Year 5



Ice race

Can you free a toy car from a block of ice using pure salt and rock salt? Which substance melts ice the quickest?

You will need

- A small toy car (or Lego brick) in an ice cube
- a tub, a paper towel, timer, tape measure, spoon,
- paper for recording,
- table salt
- rock salt

What to do

1. Place the ice block on the paper towel in the tub.
2. Pour spoons of table salt over the ice cube and rock salt over the other ice cube. (How many spoons of salt will you add?)
3. Decide how you will measure and record the rate the ice melts.
4. Make a hypothesis, measure and record your observations.
5. Create your own table to show your measurements in time intervals and

then make a conclusion from your results.

Hypothesis- I predict.....

_____

_____

Results

Time taken	Rock salt	Table salt
1 minute	__mm	___mm

Conclusion I found out.....

_____

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