**Science Home Learning Challenges**

We have recently had quite a bit of winter weather! Below are some Winter Weather Investigations that you could try, or research, at home.

**Remember to ask an adult to help you before you investigate!**

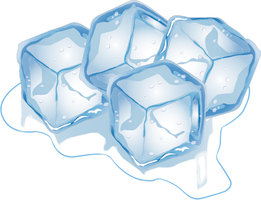
**Winter Weather Investigations:**

* Do you think a snowman will melt faster or slower when he is wearing a coat?
  + - Can you explain your answer?
    - Can you prove it?
* Can you pick up ice with a piece of string?

(This is a little tricky – you may need an adult’s help and lots of perseverance!)

* + Fill a glass to the top with water.
  + Cut a piece of string around 20 centimetres long.
  + Place an ice cube in the water. It will float.
  + Lay the string across the ice cube and glass.
  + Cover ice cube and string with a layer of salt.
  + Leave for one minute.
  + Carefully pick up the ends of the string – what happens?

Can you find out why this happens?

* Does ice melt faster on a metal surface or a plastic surface? You could try this using a saucepan and a plastic chopping board!
  + - What did you notice?
    - Can you explain why this happened?

**Miss Barr would love to see any Science Home Learning that is being done! You could take a photo of your investigation or write your explanation down and bring it to 2B. Green Cards will be given for the best explanations and photos!**