

Science Experiment

This investigation is aimed at developing the children's understanding of melting.

James and George were making snowballs to see who could make the roundest and hardest. When they'd finished they were so proud of their snowballs that they decided to take them home to show their Mum and Dad. When they arrived home it was lovely and warm. **What will happen to their snowballs?**

The boys didn't want their snowball to melt so they decided to wrap them up to keep the heat out and the cold in. It is your challenge to answer...

'What material will stop a snowball from melting the longest?'

Here are some examples of materials to use.

Bubble wrap

Tea Towel

Kitchen foil

Paper towel

Newspaper



- Have lots of fun outside making some snowballs, remembering to keep them the same size.
- Next choose 3 materials and wrap up the snowballs placing them in the same area of your house.
- Now why don't you sit in front of the fire with a hot drink and biscuit and talk about your predictions. EG. I think that the newspaper will stop the snowball from melting the longest because..... Remember no prediction is wrong as long as you can give a sensible reason. **Why do they need to be the same size for the experiment to be accurate? Why do they need to be placed in the same area for the experiment to be accurate?** Discuss your

ideas about these two questions and introduce the idea of fair testing.

- Now make your final prediction and take a look at the snowballs.
Were you right? What have you found out?

Art

Play a guessing game by showing your child a small part of a photograph from a magazine. Can they identify what is happening in the picture. Gradually reveal more of the picture by widening the frame around it. Encourage the children to use visual clues such as shapes, colours, lines and actions. As more of the picture is revealed, can you explain your reasons for your answers and for changing your answers.



Give your child part of an image from a magazine photograph and ask them to fix this to a larger sheet of paper. Ask them to extend the image by drawing what might be outside the given image. Talk about how and why the photograph they have been given might have been 'cropped', e.g. to focus attention on a particular idea or person.

Ask your child to give their image a title before and after they make the bigger picture. Compare the two.

Please see the examples of photographs below. What is about to come out of the water? What is the little girl looking at? What is in the trees?

