Science

This week in Science we are going to investigate the properties of material. This investigation links closely with our work on Captain Robert Falcon Scott – our great explorer for this week.

**Task**

For this task you will need four ice cubes and a waterproof tray. We are going to investigate which material is best to keep ice frozen.

**You must ask an adults permission before testing objects or materials from your home!**

First record your prediction – which material do you think will keep the ice frozen? Why?

Choose four different materials from around your home (you could choose paper, tin foil, plastic, fabric); wrap an ice cube in each material and place into your waterproof tray. Make an observation as you begin your experiment. Is the ice still solid?

Come back and check on your experiment three times (at 10 minute intervals). Record any changes that have happened over the time.

Use the table below to record your results.

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| Material | Time | Result |
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Was your prediction correct?

Don’t forget to send me photographs of your experiment: [lbarnett@polruanprimary.co.uk](mailto:lbarnett@polruanprimary.co.uk)