

Science Activity 2

WALT: understand what thermal conductors and insulators are.

Design a Lunchbox

The Brilliant Bags Company want to make a new lunch box for children to bring their packed lunches to school in. Food will be stored in the lunch box for quite a long time – probably all morning. They want to make sure the lunch box keeps the children's lunches cool and fresh, so they need to think about the best material to use to make the inner lining of the lunch box. They are going to need to use a material which is a good **thermal insulator** to go on the inside of the lunchbox.

You need to design a new lunchbox with a material that is a good thermal insulator. You need to make sure that you are labelling your design with the materials that you are using and explain why you have chosen to use these.

