**Food Miles Project**

**Activity**

This was used as a joint technology and Maths project with year 7 pupils.

**Cross Curricular opportunities**

Humanities, technology, Citizenship

**Resources**

[www.bbc.co.uk/foof/foodmatters/foodmiles](http://www.bbc.co.uk/foof/foodmatters/foodmiles)

[www.citizenship.org.uk](http://www.citizenship.org.uk)

**The task**

The introduction was talking about Global warming and greenhouse gases. We looked at food labels to see how easy it was to identify the country of origin. Using a large map of the world students did distances (as the crow flies) for foods from China, India (Tea) Kenya (Coffee) and Bananas (Jamaica).

Students then looked at using different forms of transport and the differing amount of emissions from each form of transport. They also considered how this would affect the distance travelled by the food.

They designed a menu for a special meal that they would choose to eat thinking about how much of each ingredient they would need. (Recipes and Ratios). They then calculated how many food miles their meal had travelled.

This then led into costing of ingredients and we compared prices for local, organic and fair trade products. We also tasted the 3 different kinds of fruits or veg where possible and they voted on which they would choosing the favourite. The criteria used where taste, cost and food miles travelled.

**Outcomes**

Students had to design a new form of labelling which made it easier to identify the origin of foods.

They produced posters and booklets about their findings which were used in a wall display.

**Students views**

Great fun really enjoyed the posters.