

**Title:** Quiche

**Subject Area:** Geography

**Key Stage** 3

**NC link:** 4,6h.

**Learning Objective:**

- Pupils consider the Primary, Secondary, Tertiary, quaternary industries involved in the production of a quiche sold in a supermarket.
- Children consider the proportion of the workforce involved in each sector.

**Resources:**

- A quiche from a supermarket in its packaging.
- A3 paper for each group.

**Starter**

Start by looking at the quiche and considering the ingredients required to make the quiche and then the resources required for the packaging and sale. Consider the journey of one such ingredient; the egg. From the hen, by lorry to a sorting plant, then by lorry to a manufacturing plant where it is de shelled, the egg mixture is then sent by lorry to the bakery where it is baked.

**Main Teaching Activity:**

- Challenge the children in groups to consider the journey of other ingredients; for example onions, cheese, perhaps bacon or pepper, flour, butter, milk and then the packaging. Discuss as a class.
- Discuss Primary, Secondary, Tertiary and Quaternary industries. Now challenge the groups to consider which industries are involved in the production of the quiche. Ask each group to compile a list for each onto A3 paper.

**Plenary**

- Discuss each group's lists and environmental impact of transportation and consumer awareness of shopping like this. Compare with the 'journey' of a home made quiche. Consider the proportion of people in the UK working in each of the Primary, Secondary, Tertiary and Quaternary industries. Ask: How has this changed over the last 50 years?

**Differentiation**

Use mixed ability groups.

**Special Notes:**

- Primary; Farming, forestry, mining.
- Secondary; factory, bakery (processing).
- Tertiary; Transport, advertising, selling.
- Quaternary; development of new recipes, health research.

More people work in the tertiary and quaternary industries now.