



EXPLOSIVE FOOD: curriculum links

Ri school shows create excitement and engagement with science, that skilled teachers can exploit for the children's benefit. Show content can be linked to the following curriculum topics in the classroom:

Progression step 2

Working scientifically

- **Biological processes** – how things sustain life, the names of some internal parts of living things

Atomic nature of matter

- **Chemical reactions** – materials can change and under certain conditions will react to form something new

Forces and energy

- **Energy** – ways energy can be stored and transferred

Progression step 4

The world around us

- **Diversity of life** – that genetic information is stored in DNA
- **Biological processes** – using models to represent biological processes, investigating biological processes such as digestion

Atomic nature of matter

- **Chemical reactions** – different types of chemical reactions, factors affecting rates of chemical reactions
- **Extraction, refinement and analysis** – about different chemical tests e.g. food tests

Forces and energy

- **Energy** – forms of energy, the transfer and transformation of energy

Progression step 3

Atomic nature of matter

- **Chemical reactions** – indicators of chemical reactions

Forces and energy

- **Energy** – ways energy can be stored and transferred





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EXPLOSIVE FOOD: key vocabulary

Food

Energy

Taste

Tastebuds

Smell

DNA

Nutrition

Protein

Vitamins

Minerals

Fibre

Digestion

Carbohydrates

Fats

Iron

Calorie

Enzyme

Stomach

Intestine

Rectum

