



## 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:

### KS1

#### Working scientifically

- Using observations and ideas to answer questions

#### Biology

- Importance of exercise
- Importance of eating the right amounts of different food types
- Humans need food and oxygen to survive
- Simple food chains
- Where food comes from
- Plants make their own food

### KS2

#### Working scientifically

- Reporting on findings, drawing simple conclusions

#### Biology

- Human digestive system
- Different types of teeth
- Humans get nutrition from what they eat
- Food chains

#### Chemistry

- Irreversible, chemical changes
- Material properties

### KS3

#### Working scientifically

- Evaluating risks, health and safety
- SI units

#### Biology

- Heredity
- Nutrition and Digestion
- Consequences of dietary imbalances, impact of exercise on gas exchange
- Calculating energy requirements for a healthy diet
- Tissues and organs of the digestive system
- Food webs, carbon cycle
- Photosynthesis

#### Chemistry

- Exothermic reactions





**The Royal Institution**  
Science Lives Here

**ENGLAND**

## **EXPLOSIVE FOOD: key vocabulary**

**Food**

**Energy**

**Taste**

**Tastebuds**

**Smell**

**DNA**

**Nutrition**

**Protein**

**Vitamins**

**Minerals**

**Fibre**

**Digestion**

**Carbohydrates**

**Fats**

**Iron**

**Calorie**

**Enzyme**

**Stomach**

**Intestine**

**Rectum**

