

## National Curriculum Links

### KS2 Panorama Interactive Games and Quizzes

#### Science

**Life processes and living things:** pupils learn

- 2a** About the functions and care of teeth
- 2b** About the need for food for activity and growth, and the importance of an adequate and varied diet for health
- 2h** About the importance of exercise for good health
- 4b** How locally occurring animals and plants can be identified and assigned to groups
- 4c** That the variety of animals and plants makes it important to identify them and assign them to groups
- 5a** About ways in which living things and the environment need protection
- 5b** About the different plants and animals found in different habitats

**Materials and their properties:** pupils learn

- 1a** To compare everyday materials and objects on the basis of their material properties and to relate these properties to everyday uses of the materials
- 2b** That some materials are better thermal insulators than others
  
- 2c** That temperature is a measure of how hot or cold things are
- 2d** About reversible changes, including dissolving, boiling, condensing, freezing and evaporating

#### Geography

**Knowledge and understanding of places:** pupils learn

- 3a** To identify and describe what places are like
- 3f** To describe and explain how and why places are similar to and different from other places in the same country and the world

**Environmental change and sustainable development:** pupils learn

- 5a** To recognise how people can improve the environment or damage it
- 5b** To recognise how and why people may seek to manage sustainable environments, and to identify opportunities for their own involvement

**Breadth of study**

- 6a** A locality in the UK
- 6c** Water and its effects on landscapes and people
- 6d** How settlements differ and change, and an issue arising from changes in land use
- 6e** An environmental issue, caused by change in an environment, and attempts to manage the sustainable environment

## **PSHE & citizenship**

**Preparing to play an active role as citizens:** pupils learn

- 2j That resources can be allocated in different ways and that these economic choices affect individuals, communities and the sustainability of the environment

**Developing a healthy, safer lifestyle:** pupils learn

- 3a What makes a healthy lifestyle, including the benefits of exercise and healthy eating, what affects mental health, and how to make informed choices

**Breadth of opportunities:** Pupils should have opportunities to

- 5a Take responsibility, e.g. for planning and looking after the school environment; for identifying safe, healthy and sustainable means of travel when planning their journey to school
- 5d Make real choices and decisions, e.g. about issues affecting their health and well-being; about the use of scarce resources

## **Education for sustainable development: concepts and examples**

### **Interdependence**

Understanding how people, animals and plants are interconnected through natural cycles and ecological/biological systems

### **Citizenship, stewardship and the needs and rights of future generations**

Being able to work with other members of the school community and feeling responsible for making it more sustainable

### **Diversity**

Beginning to distinguish between actions and products that are wasteful or more sustainable

### **Sustainable change**

Understanding how their home and school may be managed more sustainably

### **Uncertainty and precaution**

Being able to listen carefully to arguments and weigh evidence carefully