

# prospectus



## Britain from the Air KS2

### Essential Knowledge

#### By the end of this unit children will know...

- How to ask geographical questions.
- How to use atlases, maps and plans at a range of scales.
- How to obtain information from secondary sources, including aerial photographs.
- What places are like in their locality.
- How people preserve places of special interest.
- How the Victorians changed Britain's landscape.

### Launch

#### Visits and experiences:

Plan a trip to a major city to see the sights.

Watch film documentary, e.g. 'Camera on a bird'.

Hot Air Balloon visit to school.

Visit from the National Trust to explain their roles.

### Explore

#### Explore our world from above:

Ask children to imagine what their school and grounds look like from above.

Explore the shapes used when mazes/crop circles are constructed.

Explore how Ordnance Survey maps are produced.

### Energise

#### Designing and Model-making:

Take an important local landmark, e.g. Angel of the North, plan, design and create a 3D statue/model of a new landmark to celebrate Britain today.

Children to design their own maze.

### Celebrate

#### Come and Share Afternoon:

Exhibit children's 3D model landmarks.

## Core Subjects:

Links to theme

### English

- Write mini pocket guide entries for famous landmarks.
- Write a persuasive argument or letter, in order to preserve a landmark.
- Use written sources to collect information about important landmarks.
- Write a set of directions.
- Write diary entries for a hot air balloon ride.

### Mathematics

- To solve a range of problems involving crop circles.
- Identify shapes in a crop circle.
- Use co-ordinates to locate features.

### Science

- Carry out a fair test into how shadows are formed.

## Britain from the Air: Theme Content

### Personal Development

#### Spiritual

Children will compare places of worship in different faiths.

#### Moral

Children will argue a point of view using the agreed rules in an attempt to preserve a landmark.

#### Social

Children are to work collaboratively to successfully carry out group design tasks.

#### Cultural

Children are to explore where they live and the people who shaped their locality.

### Foundation Subjects

#### History, Geography and Citizenship

##### Geography:

- Use atlases and OS maps. Draw own maps.
- Locate physical and human features on a map, including important landmarks.
- Recognise features on an OS map using correct symbols.
- Write a set of directions using points of the compass and grid references.
- Visit London, or a large town/city in your locality to see important landmarks.
- Understanding what a 'Bird's-eye view means and how it is used.

##### History:

- To use evidence to ask questions and understand the contributions that people in the past have made to the local area.
- Find out how the Industrial Revolution changes the landscape of Britain.

#### Art and Design and Design Technology

##### Art and Design:

- Look at sculptors and their work.
- Design a model sculpture to represent the local area.

##### Design Technology:

- Use a variety of tools and materials to make a model.

#### Music, Languages and Physical Education

##### Physical Education:

- Take part in a range of orienteering activities.

#### Computing

- Create a model maze design.
- Use the internet and Google Earth.

# Britain from the Air: Links to National Curriculum Framework

## Core Subjects:

### English

- Use a variety of written techniques to persuade.
- Use information books to retrieve information.
- Use a variety of writing techniques to communicate views to an audience.
- Ask relevant questions to extend their understanding and knowledge.
- Articulate arguments and opinions.
- Consider and evaluate different viewpoints.

### Mathematics

- Develop their ability to solve a range of problems.
- Recognise and explain patterns and relationships.
- Describe positions on a 2-D grid coordinates in the first quadrant.
- Describe movements between positions as translations of a given unit to the left/right and up/down.

### Science

- Children able to explain how a shadow is formed and so which group of materials are best at forming a shadow.
- Carry out a fair test and suggest improvements to their investigation.
- Understand that it is Earth that moves around the Sun.
- Give scientific reasons for the use of certain materials.

## Foundation Subjects

### History, Geography and Citizenship

#### Geography:

- Identify roads, rivers and railway lines on an OS map.
- Know what the OS symbol for a church is, and find it on an OS map.
- Observe the area around their school. Identify places of special interest.
- Use an atlas to find places.
- Use 4-fig grid references to identify places on OS map. Use compass directions to write a set of directions.
- Begin to suggest reasons why people may have settled in my local area.

#### History:

- To suggest, use and evaluate sources of evidence.
- To describe changes that has happened in the locality.
- Use more than one source of evidence for historical enquiry in order to gain more accurate understanding of history.

### Art and Design and Design Technology

#### Art and design:

- Produce creative work, exploring their ideas and recording their experiences.
- Describe the differences and similarities between the designs and materials used by different sculptors.
- Explore the work of sculptors.

#### Design Technology:

- Generate and develop ideas.
- Select from and use a wide selection of materials.
- Evaluate their ideas against the design criteria and consider the views of others to improve their work.

### Music, Languages and Physical Education

#### Physical Education:

- Use maps, compasses to orientate themselves.
- Show an ability to both lead and form part of A-team.

### Computing

- Use Google Earth.
- Use the internet to research.

# Britain from the Air: Assessment Opportunities/Tasks within theme

## Core Subjects

### English

- Children will write persuasive arguments to preserve a landmark.
- Children will write diary entries describing their experiences of a hot air balloon ride.
- Children will write mini pocket guide entries for famous landmarks.
- Children will write a set of instructions.

### Mathematics

- Children will plot and interpret coordinates for famous land marks on a map of the UK.
- Children will use grids to design a crop circle.

### Science

- Children will carry out a fair test into how shadows are formed.
- Discreet science assessments.

## Foundation Subjects

### History, Geography and Citizenship

#### Geography:

- Children will be able to read and interpret OS maps and their keys.
- Children will write a set of directions using points of the compass and grid references.
- Children will demonstrate an understanding what a 'Bird's-eye view means and how it is used.

#### History:

- Children will use evidence to ask questions and understand the contributions that people in the past have made to the local area.
- Children will find out how the Industrial Revolution changes the landscape of Britain.

### Art and Design and Design Technology

#### Art and Design

- Children will design a 3D model of a famous UK landmark.

### Music, Languages and Physical Education

#### PE

- Children will take part in group orienteering activities.

### Computing

#### Computing

- Children will write a maze game