

### As geographers we will ...

#### Investigate places

- Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time.
- Use different types of fieldwork sampling (random and systematic) to observe, measure and record the human and physical features in the local area. Record the results in a range of ways.
- Analyse and give views on the effectiveness of different geographical representations of a location (such as aerial images compared with maps and topological maps - as in London's Tube map).

#### Communicate Geographically

- Use the eight points of a compass, four-figure grid references, symbols and a key (that uses standard Ordnance Survey symbols) to communicate knowledge of the United Kingdom and the world.
- Use a range of geographical resources to give detailed descriptions and opinions of the characteristic features of a location.

### As writers we will ...

- Write information texts
- Write poetry

### As designers we will ...

- Develop a range of practical skills to create products (such as cutting, drilling and screwing, nailing, gluing, filing and sanding).
- Convert rotary motion to linear using cams.
- Design with the user in mind, motivated by the service a product will offer (rather than simply for profit).
- Make products through stages of prototypes, making continual refinements.
- Ensure products have a high-quality finish, using art skills where appropriate.
- Use prototypes, cross-sectional diagrams and computer aided designs to represent designs.

# Rivers and Mountains



### Also

#### As mathematicians we will...

- Convert units including metric and imperial units
- Reflect and translate shapes
- Find the volume of different shapes

#### As musicians we will...

- Learn how to listen and appraise
- Practise performing

#### As philosophers we will...

- Discuss beliefs and practises in Christianity surrounding how Christians show commitment to God.

#### As computer scientists we will ...

- Investigate vector drawing

#### As French linguists we will...

- Talk and write about the French speaking world.

#### As scientists we will ...

- Investigate the properties of materials

#### As self-analysts we will ...

- Think about how we are changing

#### As athletes we will ....

- Practise our athletics skills
- Practise our gymnastic skills