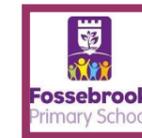


Hook:
Crime scene



Street Detectives

Focus: Geography and DT



Knowledge:

- What is a human feature?
- What is a physical feature?
- What are the 4 compass directions?
- What is a map?
- Why do we use a map?
- What is a key?
- What is a bird's eye view?
- What is a continent?
- What are the 7 continents?
- What does our local area look like?
- What human and physical features do I need to include?
- What materials could I use to represent the different features?
- How can I join different materials together?
- What is a sketch?
- What is a model?
- What is an evaluation?

Learning Journey:

Introduction to maps — What is a map? What do we use them for? Children to look at maps on Ipad's, find their route to school. Can they locate other places they know? Show map of the world. What is a continent. What is an ocean? Can they locate the UK? Introduce compass directions, can they find different places on the map by following the compass directions? Children to direct their partner using compass directions.

Learning Journey:

What is a human feature? What is a physical feature? Look at the difference between physical and human features. Sort the pictures into physical and human features. What human and physical features do we have in our local area? Start to think about what features we will need to include on 3D maps.

Learning Journey:

Map skills — Look at a range of maps in detail. What do they have on them (pictures/ symbols/ names of places etc). Children to create their own map using symbols and a key. How could we make it environmentally friendly? Have we included places for recycling and rubbish to avoid littering? What physical and human features could we include?

Display Plan:

A variety of maps of the local area— photographs, children's drawn maps and 3D Maps

Vocabulary:

Human, Physical, Beach, Cliff, Coast, Forest, Hills, Sea, Ocean, Valley, Mountain, Rivers, Lake, Soil, Valley, Vegetation, City, Village, Town, House, Factory, Farm, Office, Port, Harbour, Shops, Atlas, Globe, Bird's eye view, Aerial, Landmarks, Buildings, North, East, South, West, Compass, Direction, Map, Key, Symbol, Continent, Asia, Africa, North America, South America, Antarctica, Europe, Australasia, Environment, Road safety.

Research, Design, Make, Evaluate, Model, 3D, Cutting, Shaping, Joining, Finishing, Compare, Similarities, Differences, Materials

Skills:

- To take photos of the local area
- Using a map
- Reading a map
- Using a compass
- How to keep safe on the road
- Use the internet to research safely and effectively.
- Research the local area to know what to include in 3D street model.
- Articulate my ideas to others and discuss together.
- Work collaboratively in a group.
- Design a sketch of the model and label.
- Select from and use a range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing).
- Evaluate finished piece.
- Compare finished model to others - what have you done well? What could be improved next time?

Curriculum Coverage:

Use world maps, atlases and globes to identify continents and oceans.

Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key

Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

Use simple compass directions (north, south, east and west) and locational and directional language [for example, near and far, left and right], to describe the location of features and routes on a map

Design - generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

Make - select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]

Evaluate - evaluate their ideas and products against design criteria

Learning Journey:

Look at how Leicester has changed over past years. What is different now? What is there more of (human or physical features)? Trip — Walk around our local area, taking lots of pictures. What human and physical features can we see and will we need to include in our 3D maps? Talk about road safety and ways to help the environment.

Learning Journey:

In small groups, using their knowledge of the area and pictures taken from the trip, children will design their 3D Map - discuss what 3D is. Draw and label diagram. What materials will they need? Over the next few lessons, children will create their 3D maps using a range of different materials. Once completed, children will compare to other groups and evaluate their finished

Characteristic foci:

Independence & Respect

Trip:

Walk around the local area

Outcome:

3D maps of the local area



Street Detectives

Focus: Geography and DT



What do they already know?

Name and locate the 7 continents

What continent would you find the UK?

What is a city?

What is a village?

How to use a key on a map to find landmarks

The 4 different compass directions to describe and locate features and routes on a map

What is a human feature?

What is a physical feature?

How will they remember it?

Recap previous lessons at the start of each lesson

Class quizzes at the end of lessons

Play KABOOM

Make links between different topics clear to children to show how everything links together

Key vocabulary to be displayed around the classroom

Key vocabulary word mats to support those who need it with learning new vocabulary

Which resources will I need?

Lots of junk modelling material—Cardboard, plastic pots, egg boxes etc

Paint, masking tape, glue, tissue paper

Ipad's for researching maps and finding different routes.

Ipad's for taking photographs of the local area.

What do I need to know to be able to teach this?

Knowledge of the local area - What it used to be like, what has changed etc.

Routes around the local area for class trip

What natural and physical features can be found in the local area?