



'Love your neighbour as yourself' (Luke 10: 27)

St. Brigid's C of E Primary Summer 1. Term Knowledge Organiser

Year 3 'Our Environment: Our Local Area: Our Beautiful Wirral!'

Inspiring, nurturing and educating our children to serve God by reaching their full potential, serving our local community and by looking after our environment as global citizens of today and tomorrow.

Key Vocabulary & Information

- Peninsular
- Wirral
- Coastal
- River Mersey
- River Dee
- Land usage
- Suburban
- Rural
- Dispersal
- Transpiration
- Pollination
- Grey Seal
- Colony
- Blubber
- Mammal
- Predator
- Prey
- Non-chronological

Key Vocabulary & Information

- Mechanism
- Pivot
- Linear
- Rotary
- Slider
- Joint
- Prototype
- Deforestation
- Pentecost
- Holy Spirit
- Ascension

Reading Opportunities

Reading Spine:

- Kensuke's Kingdom by Michael Morpurgo
- Seal Surfer by Michael Foreman

Other resources:

- Atlases
- Dictionaries
- Books about the Wirral
- Wirral maps

Values explored

- Love Your Neighbour
- School Vision Statement
- Compassion
- Hope
- Love
- Resilience
- Friendship
- Creativity

Display

Information/Questions

- Map of the Wirral
- Map of UK
- Basic levers and linkages diagrams
- Pictures of Seals
- Picture of Hilbre Island

Learning Opportunities (Sequential week teaching points or explicit opportunities planned)

MAIN FOCUS: Global Goal 15 "Life on Land" (first 2 weeks), Our beautiful Wirral! Geography focus; local area.

Week 1. Deforestation poster made with Levers & Linkages. Writing Cycle: Great Kapok Tree letter - plan. ACTIVE READING: Great Kapok Tree. RE: Reflect on Easter video. Science: Plants, parts of plants, Transpiration.

Week 2. Continue poster. Writing Cycle: Great Kapok Tree letter – write & edit. RE: Ascension Day. Science: Plants, pollination, seed formation and dispersal.

Week 3. Launching new topic and the geography of the UK. Science: Plants, investigation planning. (Transpiration). RE: Pentecost.

Week 4. Geography of the Wirral. The history of our school. Science: Grey Seals. RE: The Holy Spirit.

Week 5. Seal Surfer for Literacy and Topic: Writing Cycle. Science: Plant assessment. RE: Trinity.

Week 6. Seal Surfer for Literacy and Topic - Writing Cycle. Science: Study on Seals.

Week 7. Seal Surfer for Literacy and Topic – Writing Cycle. Science: Study on Seals.

Key Milestones

DT:

Use scientific knowledge of the transference of forces to choose appropriate mechanisms for a product (such as levers, winding mechanisms, pulleys and gears).

Improve upon existing designs, giving reasons for choices.

Disassemble products to understand how they work.

Design with purpose by identifying opportunities to design.

Refine work and techniques as work progresses, continually evaluating the product design.

Science:

Identify and describe the functions of different parts of flowering plants: roots, stem, leaves and flowers.

Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant.

Investigate the way in which water is transported within plants.

Explore the role of flowers in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Geography:

Describe how the locality of the school has changed over time.

Ask and answer geographical questions about the physical and human characteristics of a location.