

Appendix 1 – Curricular ideas

Materials

Survey materials around the school, recognition of everyday materials properties and uses

Senses

Texture trails

Noise maps, how far can we hear

What colours are easiest to see?

Renewable energy

Wind power and solar powered toys and machines.

Forces and motion experiments with gravity e.g. dropping shapes/weights from slide

Moving large objects across different surfaces to explore friction

Exploring wind resistance to understand air pressure

Water

Recording the evaporation of puddles as part of water cycle.

Carrying water to experience life for those without running water.

Tracing water routes



Science

Light and colour



Sun

Pre-draw southern skyline or use laminated photographs to plot sun at different time of day, year.

Weather

Observation and recording of rainfall, wind speed and direction, cloud cover, visibility and temperature

Plants

Sowing and growing harvesting

Planting meadow areas and butterfly plants

Growth on north side and south side of fences

Biodiversity

Plant containers in different parts of school grounds in different environmental conditions and chart growth rates.

Mini-beast hunts in nature gardens, pavement cracks wall crevices etc.

Appendix 1 – Curricular ideas

Data recording

Children playing in a given area

Traffic surveys

Colour of staff cars etc



Position and movement, compass work

Points of the compass, finding a bearing, walking on a bearing simple treasure map hunting to orienteering.

Plan of school marked off in co-ordinates-puzzle hunt.

Distance, area and perimeter measuring larger lengths and heights using meter sticks and trundle wheels

Exploring perimeter and area on both horizontal and vertical surfaces may be linked to topic eg. How big was a Victorian tenement for a family of 8 or how many children would fit inside the outline of a t-rex

Numeracy

Counting (windows, bins, trees etc)

Making counting trails

Organizing children wearing number vests into lines, odds and evens

Physical tables learning/practice

Angles

Angle maps (locating different kinds of angles, measuring angles possibly including use of clinometers at end of second stage.

Angle ballet

Angle and incline /speed exploration, could use "nursery guttering set" and water channels



Shape

Looking for shapes, photographing them

Building with large scale 3D shapes

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Victorians

Washing blankets by trampling and wringing out in pairs

Playground skipping and ball games

Treasure hunts with curriculum links

Bar-b-que / bonfire food.

Visits to Kergord and Voxter

Africa

Carrying water over short distances

African singing and dancing games

People who help us

Visits to and from fire-engine, lifeboat, coastguard station, postman, post office

Other areas

Technology challenges

Building bridges

Tallest structures

Device to protect an egg thrown from the climbing

PSD

Looking at things from different angles, through coloured overlays, with magnifying glasses, binoculars etc to explore how different people can look at the same thing but see it differently.

Enterprise activities to improve school grounds, painting murals, or painting playground markings.

Developing new garden areas.

Space

Planetary revolution using people

Stranded on moon scenario, what do you take from stricken space ship?

Japan

Kite flying, Earthquake scenario(as carried out at Cullivoe)

WW11

Street party

Air raid drill

Dig for Victory

Rainforest

Challenge to attract help/build shelter after lost in rainforest

Vikings

Own fire –festival procession, burning galley.

Archaeology activities

Appendix 1 – Curricular ideas

Use water, paint to make marks copy letters

Use their bodies to “write “ letters

Go on a print hunt

Take photographs of signs



Look at ways of communicating over bigger distances

How else is information communicated (colours, fences, locks ,uniforms etc)

Drama options

Background reading to prepare for outside visits



Places to read



Literacy

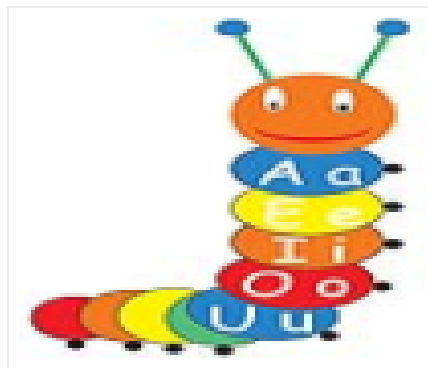
Questionnaires relating to data collection

Mini beast reports

Writing up science investigations

Developing creative writing from a few “planted” props e.g. trowie fiddle, or teddybears picnic basket

Bear Hunt Unit from LTS



Writing back in class

Poetry inspired by the weather, by visits to the beach, by playground incidents or games..

Making up playground rules

Writing instructions for games they play.

Writing letters re-environmental issues, follow ups to off-site visits

Solve problems together



Growing healthy food



Movement and dance



Health and Well-being

Bikes and trikes



Large play equipment



Playground markings



Choosing suitable clothing



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