

Central Idea

This statement ties the learning together to create connections and provide a context across pupils' knowledge.

Materials behave and interact in certain ways which determine how they are used.

Words in blue do not link to the central idea.

Lines of Inquiry

These inquiries are the phases of learning that take place, supporting the children to develop their understanding of the central idea.

- How materials behave (form)
- The changing properties of materials (change)
- The manipulation and application of materials for a new purpose (function)

Maths

Money & Shape

- Recognise coins and notes
- Make the same amount in different ways
- Add totals and find change
- Name a range of 2D and 3D shapes
- Name some properties of shapes

PSPE

PSHE: Money and work

- What money is
- Needs and wants
- Looking after money

PE: Invasion games-tag rugby

Computing

- Collect and present data as a tally & total
- Use J2data to create a bar chart
- Add text to write a title and label the axis

Science

Materials:

- The difference between raw and synthetic materials
- Investigation focus
- Make simple predictions
 - Make conclusions from results
 - Measure

YEAR 2 MODULE 4

Social Studies

History:

- How did people recycle in the past?

Geography:

- Compass points and grid references
- Continents of the World
- 7 oceans of the world
- Impact of plastic in oceans

RE:

Who is Jewish and what do they believe?

The Arts

DT:

- Engineering - making Tudor houses
- Bridge building competition

English

Key text: The 3 Little Wolves and the Big Bad Pig.

Writing Outcomes:

Diary
Newspaper report
Narrative

Apps

Spelling Shed
TTRS
Numbots

Visit

- Look at local buildings and bridges to see how they are constructed
- Visit the beach to see how much rubbish is there/plastic
- Visit local recycling centres

Websites

BBC bitesize materials

BBC bitesize- exploring materials

Get Creative

- Make a bridge or another structure thinking about how to make it stable- you could use lego or empty boxes
- Design a building- what would your ideal building look like?
- Make a poster encouraging people to recycle

In the Car

- Play I spy
- Look out for interesting structures such as bridges
- Look out for the way materials are used in different places

Action

- Make posters encouraging people to recycle
- Encourage people at home to recycle plastic and not to use single use plastics
- Take part in a scheme that picks up rubbish- beaches often run these

YEAR 2 MODULE 4

Home Learning Opportunities

Look Out For

- Books about recycling and the impact of plastic in oceans
- Interesting buildings and structures
- How materials are used in your local environment
- Charity events linked to plastics in oceans

IT

- Research how plastics are recycled in this country and others
- Make posters using IT
- Research the history of recycling
- Explore online maps and atlases

Get Outdoors

- Collect a range of natural materials and then classify
- Go to a local beach to see the impact of plastics on the sea/beach
- Make sketches of any interesting structures you see