



St Leo's and Southmead
Catholic Nursery and Primary
School

Year
SIX

D.T. Knowledge Organiser

Summer
Term

Amazing Activity

- Create our own shelters linked to WWII History topic.

How can we shelter from the storm?

Key Concepts

What makes a good emergency shelter?

Which textiles would be best for shelter building?

How will we join wood, textiles and other materials so the joins are storm-proof?

If we have a limited 'budget' what materials will we 'buy' to make our shelter?

Can we plan our designs first before construction?

Does our shelter look good enough to be photographed for a survival guide?

How can we improve our design?

Did our shelter work - was it rain, sun and wind proof?

Vocabulary

- Modelling—the making of 3 dimensional models.
- Scale model—a physical representation of an object.
- Fair test—a **test** which controls all but one variable when attempting to answer a scientific question.
- Reinforcing—strengthening or supporting.
- Rigid—unable to bend or be forced out of shape; not flexible.
- Water resistant—does not allow *water* to pass through it easily, or is not easily damaged by *water*.
- Technique—a way of carrying out a particular task.
- Construction—the action of building something.

Curriculum Links

Geography Link: Opportunities for the children to learn about natural disasters around the world, linked to location and climate.

Mathematics Links: Opportunities for the children to calculate, including using money, measurements and area.

Skills

- When designing and making, pupils should be taught to:
- select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

“Nurture, Inspire, Succeed”