

Design Technology
Mechanically systems -
levers and linkages

Technical knowledge:

- To know the parts of a linkage mechanical system, including levers, loose pivots and fixed pivots.
- To know a linkage mechanism has an input motion and output motions.

Design:

- To know how to create a mechanism to show an Arctic or Antarctic animal moving out of the sea.

Make

- To know how to make a linkage mechanism made by connecting together levers around a pivot to produce the type of movement required.

Evaluate

- To know what has worked well and what could be improved.

Literacy

- Newspaper report- Titanic
- Balanced argument- Titanic

Lenses-

- Powerful verbs
- Powerful adjectives
- Similes
- Rhetorical questions
- Punctuation basics

**This terms topic is
ICE!**

Maths

- To practise and use multiplication tables (up to 12 x 12).
- Statistics
- Money
- Time

A separate maths knowledge organiser will be sent for each area.

Computing-programming A- repetition in shapes

French- parts of the body.

PE- cricket, outdoor adventure activities and archery.

PSHE- being my BEST

Science-

Living things and their habitats

- To know how to group living things in a range of ways like Carroll and Venn diagrams.
- To know some producers and consumers
- To know how to construct and interpret food chains.
- To know how to identify characteristics of living things using a key and create a classification key.
- To know the environmental dangers to endangered species.