

Summer

Lostwithiel Primary School

Year One

DT focus: Pivots

DT Knowledge Organiser

Cherry Tree Class

Prior Learning:

During reception children have looked at different ways to join paper and card.

Key DT knowledge and skills:

A pivot is a pin or a rod that joins more than one piece together.

Pivots allow the joined pieces to move separately.

Pivots can be found in lots of different everyday objects including clocks, swings, roundabouts, windmills doors, and toys.

Types of pivot we can use to make things in school are split pins that are also called paper fasteners.

Split pins can join card, paper or material. If you are joining something thicker you can use a rod, dowel or straw.

We can use a pivot to create a flap that can be moved to reveal something underneath.

We can use a pivot to create an object with moving parts such as a person or animal with moving legs or arms.

Pivots can be used by making something flat (2D) or a 3D object.



Key DT Vocabulary -

General Terms and Cross Curricular Vocabulary

Pivot	A pin that joins more than one piece together so they can move.	Push	Move something forwards away from yourself
Lever	A part of a machine	Pull	Move something backwards or towards yourself
Slider	Something that moves.	Up	Move something towards the ceiling
Movement	Change in position	Down	Move something towards the floor.

DT Outcome

Cross Curricular Links

Children make a model of a bridge that raises Children make a model of a fantasy character that has moveable limbs. Children make a garden windmill from a given template.	History: Lostwithiel's Tudor Bridge and different types of famous bridge (including Tower Bridge) ART: children will make a model of Lostwithiel's Tudor Bridge in summer 2 English: Fantasy writing
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Linked documents: Class Overview, DT Whole School Progression document and Class Medium Term Planning.