

# D&T

## Autumn Term 2:

### Moving Pirate pictures, 3D Pirate models and sewing a Christmas Decoration.

**design:** To create plans and drawings of how something is made.

**lever:** A beam pivoted at a fixed hinge.

**pivot:** The central point on which a mechanism turns.

**slider:** A mechanism which moves in a straight line horizontally or vertically.

**3D:** Something with three dimensions.

**attach:** To join one thing to something else.

**thread:** A yarn used to attach two pieces of fabric together.

**needle:** A sharp tool that holds the thread to sew.

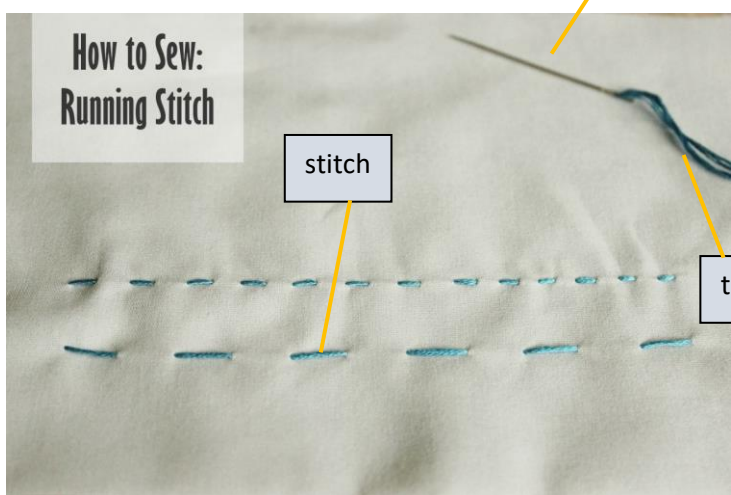
**sew:** Join or fasten by making stitches with a needle.

### Making a Slider Mechanism 1

1. Use a hole punch to make four holes – not too close to the edge! Cut two straight lines and feed in the slider.
2. Fix a picture to the slider and move it back and forth. You can use a card strip to cover over the cuts.
3. Check that the lever works and move the pivot if you need to.
4. Stick the character to the end of the lever and move the lever to make it rise.

www.data.org.uk Moving Pictures D&T

A 3D model made from recycled objects.



stitch

needle

thread

decoration

