

# Design Technology

Year 2

Term by Term Coverage

*Fairisle Infant and Nursery School*



**Expect Success**

## Autumn 2: Remember, Remember!

### Can you design and make a wheeled vehicle?

By the end of this half term, children should know:

- how to create wheels that move by using an axle.
- the difference between fixed and freely moving axles.
- join materials and parts together using a range of methods.
- evaluate how well their vehicle works, identifying strengths and possible changes.

#### Vocabulary:

**Axle:** a rod on which one or more wheel can rotate either freely or be fixed to and turn with the axle.

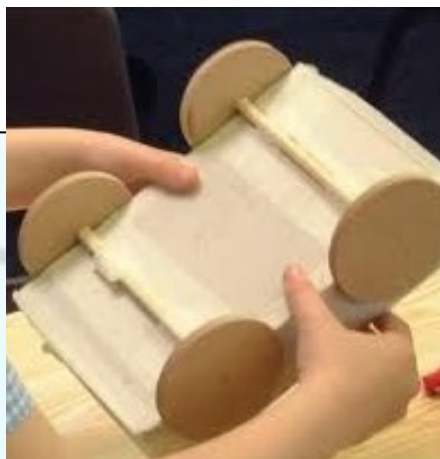
**Axle holder:** the part through which an axle fits and turns.

**Chassis:** the base or frame on which a vehicle is built.

**Dowel:** wooden rods used for making axles to hold wheels.

**Assemble:** to put all parts together

**Rotate:** to turn.



# Summer 1: Fantasy creatures.

## Can you design and make a puppet?

By the end of this half term, children should know how:

- to join items together using glue to stitching.
- thread a needle
- to use over stitch to join fabric and to space it evenly.
- develop their design, make simple drawings and label.
- choose and use appropriate finishing techniques.

### Vocabulary:

**Glove puppet:** a fabric puppet that fits on the hand.

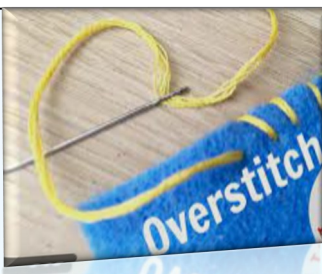
**Seam:** a row of stitches joining two pieces of fabric.

**Sew:** to join pieces of fabric with stitches.

**Template:** a shape to draw round to help cutting out shapes.

**Mark out:** to draw shape out of fabric before cutting or stitching.

**Overstitch stitch:** a stitch that wraps over the edge of the two pieces of fabric



# Summer 2: Healthy Humans

## Can you design and make healthy snacks?

By the end of this half term, children should know how to:

- talk about where different food comes from e.g. farms, home grown, caught.
- name and sort food into the five food groups
- prepare some cold dishes safely and hygienically.
- design a snack based on the 'healthy' criteria.
- cut, peel and grate some foods with increasingly less help.

### Vocabulary:

**Healthy diet or balanced diet:** eating the right amount of each food group to stay fit and well.

**Protein:** food group which helps muscles grow and develop

**Dairy:** food group which contains calcium for healthy bones and teeth

**Carbohydrate:** food group which gives us energy

**Fats:** food group which helps keep organs safe but too much of it can be bad for you.

**Vitamins and minerals:** something found in foods like fruit and vegetables which helps our body stay healthy.

