

Autumn 2	Lostwithiel Primary School	<u>Year Three</u>
Design and make a bag for a Stone Age hunter/gatherer.	DT Knowledge Organiser	Beech Tree Class

Prior Learning: In Year Two, the children will have had experience of evaluated and exploring existing products. They will have generated, developed, modelled and communicated ideas, through talking and drawing. They will have had practise selecting from and using a range of tools and equipment to perform practical tasks.

Key DT knowledge and skills:

- Bags are functional objects designed to carry a variety of items. They come in many shapes and sizes with different straps, pockets, openings and closings. They are designed to be worn mainly on the back and shoulder or carried by hand.
- Stone Age people relied on hunting and gathering to obtain food. Hunters would have used bags to carry water, food and weapons on long hunting journeys. Gatherers would have used bags to collect edible food from their environment, such as nuts, berries and fruits.
- Archaeological evidence suggests that Stone Age bags were made from natural materials such as animal hide or knotted plant fibres and decorated with animal teeth or carved bone fragments.
- The children will investigate a range of bags and analyse them with a focus on the use of straps and specific function of each bag.
- The children will use their research into Stone Age bags and develop the design criteria based on the needs of Stone Age hunter/gatherers. The criteria will inform their design of an innovative bag. The bag will need to be functional and able to carry food and tools. The designs will include details of measured straps and an exploded diagram to show where and how they will be attached to the bag.
- A paper pattern will be placed over the material of choice (fake furs and animal printed fleece). Pins and scissors will be used to ensure accurate cutting. The children will use blanket stitch to sew up the sides of the bag.
- Shoulder straps will be sewn on according to the design. A buttonhole will be cut and a strong fastening stitch will be used to secure it.



Key DT Vocabulary -		General Terms and Cross Curricular Vocabulary	
bonded fabric	A material made up of two layers of different materials joined together by pattern or joining stitches.	decorative	A decorative product is designed to look attractive and may not have another function, such as a piece of jewellery.
woven fabric	A material that is formed by weaving. Usually made on a loom and uses two or more threads woven at right angles to each other.	functional	A functional product is designed to serve a purpose or function. A bowl, for example, is designed to hold objects.
knitted fabric	A material that is formed by pieces of thread curled up on itself then connected via loops.	design	A plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is made.
felted fabric	A material made by rolling and pressing wool and another fabric with moisture and heat which causes the fibres to mat together and create a smooth surface	analyse	Analyse is the process of examining a product methodically and in detail, typically in order to explain and interpret it.
blanket stitch	Blanket stitch is a type of hand stitch used on the edge of thicker materials such as felt and wool.	innovative	An innovative design will feature new methods and will be original.

DT Outcome

The children will design, make and use a bag using fake fur, printed fleece, threads and buttons. The finished bag will fulfil the design brief of making a bag for a Stone Age hunter/gatherer.

**Cross Curricular Links**

History: Stone Age topic

Forest schools: The children will use the forest school area to investigate a variety of bags. They will carry, run and collect natural items to test out the bag strength. They will explore the types of food the gatherers would collect and investigate the forest school area for nuts, seed and berries.

Linked documents: [Class Overview](#), [DT Whole School Progression document](#) and [Class Medium Term Planning](#).