

Subject: Design Technology

Unit Title: Textiles- making and joining fabrics

Learning Objectives and Aims:

- To support the development of personalised MAPP learning skills and PfA within the context of this unit.
- To design and plan a themed project communicating the idea with others and recording instructions and method.
- To prepare and organise a safe work area - collecting PPE, utensils, materials and resources required.
- To create textiles linked to a cross curricular unit of study- Vikings.
- Participate and develop skills in the areas of weaving, sewing, knotting, felt making, dying, threading associated with textile work.
- To participate in the creation of a piece of functional or decorative textile- artefacts, product for domestic use or clothing.

Suggested Lesson Activities & Unit Coverage:

- ❖ Link to Humanities History Unit- The Vikings
- ❖ Weaving: To develop the concept of weaving and to practice weaving skills with fabric strips. Create a basic hanging frame with bamboo to start a lattice effect in weaving a hanging from long strips of fabric- up & under technique. Consider colour combinations and pattern as part of the design. Once completed add/tie and knot fabric strip to bamboo hanger and display as upcycled wall art. Willow weaving, to extend the skill and technique- outside session as part of John Muir Award link to develop the outside willow den and cut willow branches to weave and extend/reinforce the den and add strips of fabric to weave through making it decorative too. Weaving fabric strips and ribbons on the outside fence panels, add natural art pieces to add to the weaving- cones, twigs, seed heads.
- ❖ Dying fabric: To try out natural dyes from vegetation found onsite or locally: onion skins, beets, tea, carrots, butternut squash skin. Use the kitchen area to cook the skins/leaves and add pieces of fabric to test out and experiment with colour. Once testing completed choose a preferred colour for a larger piece of fabric to create an item for use. Use cotton fabric to make a Viking tabard or neckerchiefs/napkins/pot holder. Decorate tabards with Norse mythology beasts and Runes- fabric pens and collage fabric [glued].
- ❖ Sewing: Use a sewing machine to hem fabric to create functional and decorative items, adult supported and use pedal as 'switch control' with hands or feet to operate. To practice and develop hand stitching and sewing skills, basic running stitch- larger needles and fabric squares [felt] to follow a basic line and edging- use coloured thread for contrast and ease. Link to Science 'Star' theme for Christmas and make cards with hand stitched fabric stars bordered in contrast metallic threads. Hand sew running stitch felt shapes- double sided and stuffed to make tree decorations, decorate with fabric paints or access the sewing machine.
- ❖ An end of term fashion show and display the items created for family or in school assembly.