**Year 5 Design and Technology Curriculum – Autumn Term**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Theme: Skill based unit - sewing (back stitch)** | | | | | | | |
| **Curriculum objectives** | | | **Vocabulary** | | | | **Links across the curriculum** |
| .**Design**  • Design a functional and appealing product for a chosen user and purpose based on simple design criteria.  **Making**  • Select from and use a range of tools and equipment to perform practical tasks such as marking out, cutting, joining and finishing. • Select from and use textiles according to their characteristics.  **Evaluating**  • Evaluate their ideas throughout and their final products against original design criteria. | | | **Running stitch** | The procedure for working the stitch involves inserting the needle into a fabric and taking it out at small intervals. | **Thread** | a long, thin strand of cotton, nylon, or other fibres used in sewing or weaving: | • **Spoken language** – ask relevant questions to build understanding and their vocabulary.  **• Art and design –** quick drawings or detailed observational drawings of one product to develop and share ideas. |
| Cross stitch | A stitch formed of two stitches crossing each other. | Backstitch | A class of embroidery and sewing stitches in which individual stitches are made backward to the general direction of sewing. |
| Oversew stitch | A hand sewing stitch that wraps the working thread around the edge of fabric or seams. |  |  |
| Felt | A type of soft fabric. |  |  |
| Needle | Used in sewing: |  |  |
|  |  |  |  |
| **Prior knowledge:** *What specifically have pupils learned that is relevant to this unit that they are building upon?* | | | | | **Future knowledge:** *What specifically will pupils learn in the future that is relevant to this unit?* | | |
| • Explored and used different fabrics. • Cut and joined fabrics with simple techniques. • Thought about the user and purpose of products (Running stitch Year 1) To design and make a stone age pouch (Year 3) | | | | |  | | |
| **Lesson Sequence** | | **Key Knowledge** | | | | **Key Skills** | |
| 1. To investigate stitching on everyday items. | | Know stitches are used to join materials together. | | | | * Investigation skills | |
| 1. To practise cross stitch and oversew stitches previously taught in Year 3.   (This may take several sessions) | | * Know how to sew using cross stitches and oversew stitches. | | | | * Sewing skills | |
| 1. To learn back stitch.   (Several sessions will be needed to teach this with the whole class). | | * Know how to back stitch. | | | | * Sewing skills/ evaluation skills | |
| **Themes and links** | | | | | | | |
| **Themes** | **Where these are covered:** | | | | | | |
| **Investigate** | Lesson 1 and 2 | | | | | | |
| **Design** |  | | | | | | |
| **Make** | * Lesson 3 | | | | | | |
| **Evaluate** | * Lesson 3. How effective were you at sewing using back stitch? | | | | | | |