Unit 15 Oven Glove **Year 5** **Term 3**

Purpose of Unit

In this unit, children will design and make an oven glove. They will learn that designers must address a range of needs when designing an oven glove e.g. *appearance, safety, cost and size.* Children will learn about different materials, about making accurate patterns/templates and detailed working drawings. They will develop making and finishing skills to enhance their finished product.

Key Skills

Literacy
Children will be encouraged to talk about their ideas and designs. They will be taught appropriate vocabulary e.g. *mock-up, pattern, template, seam, stitch.*

Numeracy
Children will measure accurately. They will develop their mathematical vocabulary by using such words as – *enlarge, reduce.*

ICT
Logos for the oven glove can be designed on a computer using a suitable graphics package. Children can write instructions, a product review or a safety warning using a word processing package.

Pupils will

- have investigated a range of oven gloves and discovered how they are made.
- have investigated a range of materials for heat resistance, wear and strength.
- have learnt how to pin, sew and stitch materials together.
- have designed an oven glove and modelled their ideas using inexpensive materials e.g. paper or dipryl (disposable clothes)
- have made an oven glove and finished it to a high standard.
- have evaluated their oven glove against design criteria.

Common Requirements

The following common requirements, in addition to the three key skills mentioned above, will be covered during the teaching of this unit – Problem-solving Skills, Creative Skills and P.S.E.

Health and safety

When carrying out a risk assessment for this activity, teachers will need to consider the materials, tools and equipment being used. If children are using sewing machines, they should be supervised. Care should be taken when storing and using sharp objects such as pins and needles. Care must be taken when using this product.