



WOOL IN SCHOOL

LESSON PLAN IDEAS

DESIGN A WOOL PRODUCT

Ask the children to create a design for: a wool hat; jumper; ask them to research the material and designs for their chosen product. Designs can be inspired by the material, the target consumer, the country of origin or where they live

DESIGN A SHEEP FARM

The farmer needs a new farm for his sheep design a farm for
A small barn
a pond
a field for sheep
tractor shed
hen house
farmers house and garden
tractor

AIMS

- Develop understanding of visual elements including colour, pattern and texture
- to consider the materials used in art, craft and design and where materials come from
- to encourage individual thinking and exploration

AIMS

- Creative thinking
- to consider the work involved with farming
- This can also be done as a large group project



**WOOL IN
SCHOOL**
Wool, An Eco Fibre For The Future

WOOL IN SCHOOL

LESSON PLAN IDEAS

MATHS

INVESTIGATIONS

Ask the children to calculate how long is a ball of wool

Length is a measure of how long or wide something is. Rulers or tape measures can be used to help us measure length. Length is measured in millimetres (mm), centimetres (cm), metres (m) or kilometres (km).
 $10 \text{ mm} = 1 \text{ cm}$
 $100 \text{ cm} = 1 \text{ m}$
 $1000 \text{ m} = 1 \text{ km}$

How can we measure the length of the yarn of wool that makes up the ball? Ask the children to come up with their own methods of how they think a whole ball of wool could be measured. How many meters of wool do we need to make 1km of wool.

Discuss grams. Mass is measured in grams (g), kilograms (kg) and tonnes. We use scales to measure mass. $1000 \text{ g} = 1 \text{ kg}$
 $1000 \text{ kg} = 1 \text{ tonne}$

HOW

Use a ruler or measuring tape to measure one meter of wool. The wool can then be carefully folded a meter at a time, remembering to keep note of the number of times the wool is folded. When we have measured out the amount of yarn needed (approx 10m) we can cut the yarn

AIM

- problem solving
- maths
- understanding length
- understanding mass