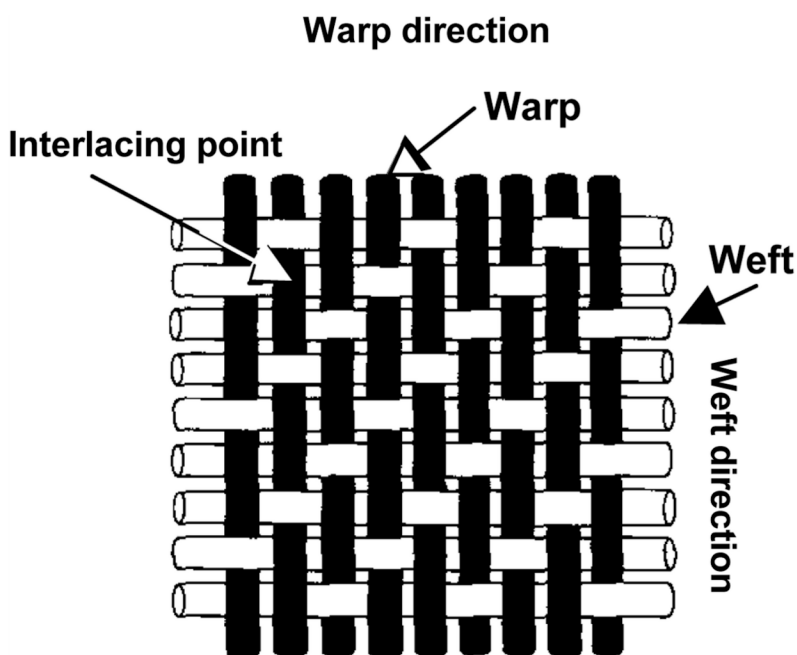




FABRIC SAMPLES

- The lenses can be used to count the number of threads in a cloth sample. Textile manufacturers do this to determine quality of a fabric.
- Count the number of threads per centimetre in each direction (warp and weft). If the fabric is coarse, count over 2cm. Knitted fabrics can also be examined but pupils need to be aware of the structure and loop shapes before trying to count threads.



The **warp** threads go the length of the fabric while the **weft** goes across.



Knitted loops can be counted per 2cm.

- Use **Result Sheets 5 and 6**.
- Pupils can examine a variety of different fabrics to observe types of weave and knitted structures.