



Experiences and Outcomes:

SCN 1-15a	TCH 2-15a
SCN 1-20a	TCH 1-04c
SCN 2-20a	TCH 2-04c

DYW link:

Fabric Technologist: A clothing/textile technologist works with a variety of fabrics, both man-made and natural fibres, as well as leather, fur, metals and plastics. As a technologist, you'll source fabrics or textiles that are fit for purpose and carry out quality control tests.

Analytical Chemist: Analytical chemists typically work in laboratories, where they operate and maintain instruments such as spectrometers and chromatographs. They perform tests and other procedures on compounds to discern their nature. They design the procedures they employ and create reports on their results

Resources required:

Selection of textiles
 Sticky tape
 Pencils
 Computer/ tablet for research
 Vinegar
 Mayonnaise
 Nails
 Food

Activity/Challenge:

Coco Chanel:

- Design a collection for a specific purpose e.g. to keep warm in the Arctic or keep cool in a heat wave. Create mood boards and examples of your collection. Present to other groups and explain fabric choices linked to a brief e.g. down as feathers trap the air and are insulators.
- Coco Chanel and her designers have designers block. Be a top designer like Coco and research her previous collections and help design a new one. What do you need to include?

Marie Curie :

- Using chemistry to explore chemical reactions and the idea that two or more things react together to produce something new. Sand down a nail and put it in vinegar – watch to see what happens. Bubbles should appear showing that a chemical reaction has occurred. Mix together vinegar and bicarbonate to see another type of reaction—what do you notice?
- Growing mould to see a 'live chemical reaction'. Put bread into an air tight bag or jar and leave for a week or two. Discuss the changes than can be seen e.g. mould growing, liquid forming or gas being produced. Discuss findings and share with others. Do not open and dispose of safely.