



KNOWLEDGE ORGANISER

SCIENCE: GOOD CHOICES

YEAR TWO

KEY KNOWLEDGE:

QUESTION 1: What fabrics are there?

ANSWER

Fabrics from Natural Fibers

- Cotton is known for being soft and cooling in hotter weather.
- Silk is soft and very strong and good for all weathers.
- Linen is suggested for sensitive skin as its natural properties makes it resistant for allergies. It is strong and long lasting.
- Soft, strong and very durable wool fabric provide warmth.
- Comfortable in both hot and cold condition, leather fabric is not affected by surrounding temperature. It is soft, stretchy and firm.

Fabrics from Man-made Fibers

- Acrylic fabrics is a kind of the synthetic fibre that is artificially manufactured. Acrylic fabrics are known for their stiffness and tear resistance.
- Nylon is yet another form of synthetic fibre. Nylon fabric is really strong and is stretchy.
- Velvet is one of the smoothest and softest amidst all the other kinds of fabrics.
- Polyester is a type of fabric that is not found naturally. This fabric is wrinkle resistant and springs back into its smooth shape.
- Denim fabric is a rugged cotton twill. Its texture provides comfort and is hard wearing

QUESTION 2: Which Materials are waterproof?

ANSWER

If materials do not absorb water at all they are said to be waterproof, a property that can be very useful for example in clothing, packaging and housing.