

Science

Materials- Shaping Up

I know how to change the shape of an object by twisting, squashing, bending and stretching.

I know the properties of different materials. (flexible, rigid, stretchy, squashy, elastic, stiff)

I know and can explain why some materials are chosen for their properties.

I know how to make and record scientific observations.

I know how to select materials for a purpose and explain my thinking.

I know how to carry out a simple fair test.

material

change shape

squash
bend
twist
stretch

properties
rigid flexible
stretchy squashy
elastic stiff



Squash an object by pushing both hands together.



Bend an object by grabbing both ends of the object and bringing the ends inwards together.



Twist an object by turning your hands in opposite directions.



Stretch an object by pulling your hands slowly and gently apart.