

Olympic Materials

A wide variety of materials are used in the Olympics, both natural and synthetic.

1. List at least 5 natural and 5 synthetic materials used for sport. Can you name any sports where these materials are used?
2. A new material may have more useful properties than an older one. Complete the table below to show how various sporting materials have changed:

Sport	Old material	New material	Properties of new material which make it suitable for this use
Canoeing	Canoe made of wood	Canoe made of carbon fibre	
Cycling	Wheel made of metal		
Tennis		Racket made of carbon fibre	
Archery		Bow made of fibreglass or carbon composites	
Pole vaulting			
		Lycra	

Find out and add one or two other changes in materials to the table.