



Materials in Sport

- ❖ Bicycle frames can be made from steel, alloys of aluminium and titanium or carbon fibre composites
- ❖ Wheels used to be made from wood but now have metal rims and rubber tyres for added grip and comfort
- ❖ Protective crash helmets for cycling and other sports are usually made up from several layers of different materials
- ❖ The main component of the crash helmet is a thick layer of expanded polystyrene which absorbs energy on impact
- ❖ Modern materials are used to make sports clothing breathable and aerodynamic