

# Nanotechnology

in everyday life

## Power up

Nanoparticles are added to sports equipment. This can make it stronger, lighter and longer lasting.



## Water tight

Fabrics can be coated with tiny nano-hairs which repel water and stains. This means clothes don't have to be washed as often.



## Fun in the sun

Suntan lotions contain zinc oxide nanoparticles. These reflect dangerous UV rays.



## What a whiff

No need to worry about smelly socks any longer!

**Antibacterial silver nanoparticles** are being woven into fibres. They kill microbes that make the nasty smells.



## Just how small are nanoparticles?

● Very small!

There are one million nm in 1mm. About 1,000 nanoparticles could be fitted across the width of one human hair!