

What are Technical Textiles?

Technical Textiles are: Textiles which have been manufactured for their technical performance and functional properties rather than their aesthetic characteristics.

Technical Textile categories include:

Agriculture
Aerospace
Biomimetics
Composites
Construction
Civil Engineering

Geofabrics
Industrial
Intelligent Textiles
soft switches /
electronics / ipods
/ mobiles

Marine
Medical
Military
Packaging
Personal
Protection

High Performance
Smart Textiles
Sportswear



See for yourself:

Take advantage of seeing with your own eyes, the 'cutting edge' of technical textiles, the science and engineering required to design, develop and make technical textiles. You can do this by participating on an Industrial Trust educational visit. Contact your regional office through www.industrialtrust.org.uk

Technical Textile subject links:

Design & Technology,
Science, Product Design,
Textiles, Engineering,
Business Studies,
Mathematics.

Teaching resources:

www.mutr.co.uk (smart materials)

Technical Textiles in everyday products...

...M&S: products which use micro-encapsulation
...B&Q: products with Kevlar

To get you started! Useful websites:

www.technicaltextiles.co.uk
www.emtex.org.uk
www.eleksen.com
www.rdg.ac.uk/Biomim
www.adidas.com

www.technitex.org
www.smarttextiles.co.uk
www.smartmat.org
www.technical-textiles.net
www.newscientist.com