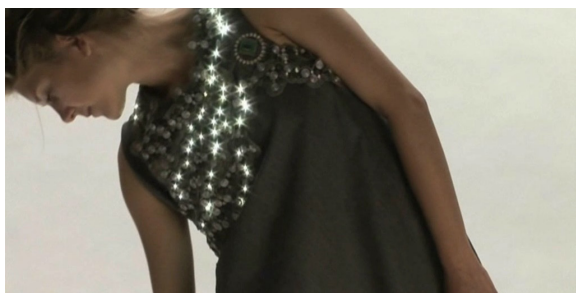




### **CAD and CAM in Textile Manufacturing**

Duration: 27 Minutes

This resource looks at how CAD/CAM is transforming all sections of the textile industry, from digital printing and embroidery to knitting and laser cutting. For each case study, designers and manufacturers explain how they work in function of new technologies and discuss the benefits CAD/CAM brings to their business. Recommendations/Endorsements Endorsed by Edexcel for use with their GCSE in Design and Technology: Textiles Technology. Recommended by AQA in their resources list for both their GCSE and GCE D&T Textiles specifications.



### **Interactive, Smart and Modern Textiles**

Duration: 42 Minutes

Wearable electronics, textiles that generate power and smart and modern materials like Kevlar, Nomex and D30 are all covered in this resource that looks at their characteristics, functions and applications. Case studies include: materials used by stuntmen and ballerinas, a handbag that charges your phone, piezo-electric textiles and garments that sense and react to changes in your body and the environment. Endorsement/Recommendation: Endorsed by Edexcel for use with the Edexcel GCSE in Design and Technology: Textiles Technology. Endorsed by OCR for use with their GCSE in Design and Technology: Textiles Technology.