



Software for Design and Technology KS3

QCA Unit	Application	Software	Publisher	Cost
7C	*2D CAD/CAM vector graphics design program plus cutter/plotter or milling machine.	2D Design software	Techsoft	1 user £290.00 Unlimited £690.00
		Roland Stika 1 SX-12E Cutter	Techsoft	£555.00
		Roland Camm 1 CX –24EO :opas Cutter	Techsoft	£1495.00
		Roland Camm 1 CX –300E Cutter	Techsoft	£2495.00
		Roland Versa Camm SP-300 Cutter	Techsoft	£9495.00
	*Spreadsheet.	*MS Excel	Microsoft (IT Unit)	POA
	Classifying (Food) Research from a database. Analysis of nutritional data.	Nutrients	HMC	Unlimited £99.00
	Database.	MS Access	Microsoft (IT Unit)	POA
	CAD/CAM Milling machine.	Roland Modela MDX-15E Roland Modela MDX-20E Roto CAMM TS-30E	Techsoft	£1625.00 £2195.00 £3795.00
	Printed Circuit Board Design tools.	Crocodile Technology	Crocodile Clips	5 user £190.00
	Art/Graphics software (fabric design).	Discuss with ITCO/Art Co-ordinator		
8C	CAD/CAM Milling machine.	Roland Modela MDX-15E Roland Modela MDX-20E Roto CAMM TS-30E	Techsoft	£1625.00 £2195.00 £3795.00

	(CAM) (textiles) Input own designs from scanner and converts to stitch format.	Janome Memorycraft computerised sewing machines	Janome UK Ltd	From £1500.00 including software
	*Flow chart, Project management, Planning.	Inspiration	TAG	From £59.95
	Transfer paper for putting designs onto fabrics using an inkjet printer	Textile Transfer Jetica	Jetica	30 sheets £19.99 100 sheets £44.99
	*Presentation software.	MS PowerPoint	Microsoft (IT Unit)	POA
	Plotter/Cutter. See Unit 7C.			
	*2D design (Nets). See Unit 7C.			
	*Desk Top Publishing Package.	MS Publisher	Microsoft (IT Unit)	POA
9C	Transfer paper for putting designs onto fabrics using an inkjet printer.	Textile Transfer Jetica	Jetica	30 sheets £19.99 100 sheets £44.99
	(CAM) (textiles) Input own designs from scanner and converts to stitch format.	Janome Memorycraft computerised sewing machines	Janome UK Ltd (HESM)	From £1500.00 including software
7D	CAD/CAM Vinyl cutter.	Roland Stika vinyl cutter	Techsoft	From £295.00
7D, 8D	*Control programme uses simulated mimics of real life scenarios. Can be used in conjunction with a number of control boxes and devices.	Flowol 2 V. 2.9 Logicator	Data Harvest Economatics	Unlimited £276.00 Unlimited £345.00
	*Control box. *Control box requires Flowol 2 V. 2.8 or above. *Various control models for the above.	FlowGo	Data Harvest	£125.00 From £59.00
8D	Control box. A range of Kickstart control models.	SMART Box USB connection Models	Economatics	£345.00 From £52.95
	*Control systems are created using flowcharts to control reprogrammable chips.	PIC Logicator PIC Logicator Output Modules e.g. Buggy Kit	Economatics	From £195.00 From £29.95
9B	CAD/CAM Milling machine.	Roland Modela MDX-15E Roland Modela MDX-20E Roto CAMM TS-30E	Techsoft	£1625.00 £2195.00 £3795.00
9D	CAD system- solid modelling with kinematic motion and high quality photo rendering facilities.	Pro/DESKTOP	Parametric Technology Corporation	Free licence contact DATA

9D Computer aided design (CAD)	A good easy to use software package that allows students to create a three-dimensional model from two-dimensional art.	ArtCAM Pro	Delcam	Free licence contact DATA
9D	PCB Design Software. See Unit 7C. CAD/CAM system e.g. a computer controlled vinyl cutter See unit 7C.			
	Clipbank series: Resistant Materials Graphics Food Textiles	TV-ROM contains between 40 and 45 minutes of curriculum-relevant clips, complemented by concise on-screen information. It also has links from each clip, to a set of stimulating interactive activities, a wordbank and printable/ editable worksheets. The programme gives complete coverage of the KS 3/GCSE design & technology curriculum, covering the topics Design introduction, Case study, Design focus, Materials focus. As above – Packaging As above – Healthy & Safety	4Learning	1 user £65.00 30 user £150.00 Unlimited £200.00 Per title

Internet starting points: See the list on the ICT Curriculum Support Team website www.bucksict.org.uk and references in the schemes of work.

***These titles are available to view at the ICT Centre.**

Suppliers

Crocodile Clips Ltd	11 Randolph Place, Edinburgh EH3 7TA	0131 226 1511
Data Harvest Group Ltd	1 Eden Court, Leighton Buzzard Beds. LU7 4FY	01525 373666
Design & Technology Association (DATA)	16 Wellesbourne House, Walton Road, Wellesbourne, Warcs. CV35 9JB	01789 470007
Economatics (Education) Ltd	Epic House, Darnall Rd, Attercliffe, Sheffield S9 5AA.	01142813311
Hampshire Microtechnology Centre (HMC)	The Parkway, 94-96 Wickham Road, Farnham, Hampshire	01329 519111
Heart of England Sewing Machines (Janome)	Beechcroft, Worcester Road, Inkberrow, Worcestershire WR7 4EX	01386 793 991
IT Unit	County Hall, Aylesbury HP20 1UZ	01296 383388
Jetica	Unit 2, Roundwell Works, Norwich, NR5	01603 748002
TAG Developments Ltd	25 Pelham Road, Gravesend, Kent, DA11 0HU	01474 357350
Techsoft UK Ltd	Falcon House, Royal Welch Ave., Bodelwyddan, Denbighshire LL18 5TQ	01745 535007