



Software for Science KS1 & 2

QCA Unit	Title	Description	Publisher	Cost
1A Ourselves	*%Garden Wildlife	Focuses on familiar creatures and locations. Find out about their eating patterns, habitats etc. Watch video clips of their movements.	Granada Learning	1 user £49 3 user £89 5 user £119 10 user £179 20 user £229
1E Pushes and pulls	*%Science Fair	Exciting and enjoyable introduction to the concepts of electricity; forces and motion; light and sound; the earth, sun and moon.	Sherston	1 user £39.95 3 user £59.93 5 user £79.90 10 user £119.85 Unlimited £149.95
	*%All About Toys	Interactive activities include light and dark; pushes and pulls; electricity; forces and movement.	Granada Learning	1 user £49.00 3 user £89.00 5 user £119.00 10 user £179.00 Unlimited £299.00
2B Plants and animals in the local environment	*%My World of Science - Life Cycles	Pupils put the pictures of the life cycle of a frog and butterfly in the correct order.	Granada Learning	1 user £49.00 Extra user £10
	Sammy's Science House	Activities include naming plants, sorting animals and minerals, animal habitats, manipulating weather variables.	RM Window Box 7 or above TTS Group	Pre-installed 1 user £49.95 5 user £79.95

	*%Encyclopedia of Nature 2.0	More than 250 plants and animals are brought to life - watch their behaviour in their environments.	DK	1 user £17.01
2D Grouping and changing materials	*%All About Materials	A differentiated range of activities to support pupils in their work on materials.	Granada Learning	1 user £49.00 3 user £89.00 5 user £119.00 10 user £179.00 Unlimited £245.00
3A Teeth and eating	*%Garden Wildlife	See Unit 1A		
	*%Encyclopedia of Nature 2.0	See Unit 2B		
3D Rocks and soils	*%Encyclopedia of Science 2.0	A very well illustrated encyclopaedia containing more than 1700 entries covering Chemistry, Physics, Life sciences and a Who's Who of science.	DK	1 user £17.01
3E Magnets and springs	*%Encyclopedia of Science 2.0	See Unit 3D		
	*%The New Way Things Work	An excellent resource for exploring and investigating how scientific principles are applied to designing objects.	DK	1 user £8.50
3F Light and shadow	*A graphing program e.g. RM Starting Graph or see Generic software list	A graphing program.	RM Window Box 7 or above	Pre-installed
4A Moving and growing	*%The Ultimate Human Body 2.0	Multimedia guide through the body and how it works.	DK	1 user £17.01
	*%Bodywise	Covers all aspects of the body systems. Animations and cross-sections illustrate how parts of the body work. There is also a section on health education	Sherston	1 user £49.95 3 user £74.93 5 user £99.90 10 user £139.85 Unlimited £249.75
4B Habitats	*%Encyclopedia of Nature 2.0	See Unit 2B		
4C Keeping warm	*LogIT Explorer datalogger & *LogIT Lab software	A remote and live datalogger with 3 built-in sensors – light, sound and temperature. Additional external sensors from £20.00 each LogIT Lab software upgrade to unlimited LogIT Lab software	DCP	USB connection £169.00
	*EasySense Q datalogger & EasySense software	A remote and live datalogger with 3 built-in sensors – light, sound and temperature & 2 plug-in temperature sensors, 2 long sensor leads & 25 excellent classroom activities. 2 sockets for additional sensors. Additional external sensors from £29.00 each	DCP RM Window Box 9 & above	Unlimited £42.00 Pre-installed
			Data Harvest	£159.00

5A Keeping healthy	*%The Ultimate Human Body 2.0	See Unit 4A		
5B Life cycles	* Computer Microscope Intel Play QX3 Digital Blue QX5 Motic DigiScope 300 *The Elmo P30 XGA Visual Presenter	Magnify at 10X, 60X and even 200X. Capture images of magnified objects. It can record video and time-lapse. Includes sample slides. As above. Ideas booklet As above, higher quality images, rapid focusing + software allows pupils to measure the length & area of captured objects. Classroom resources. The P30 is equipped with a 850,000 pixel Progressive Scan CCD camera that is capable of live image capture with smooth 20 fps. Save moving images in AVI or WMV video format to PC through USB connection.	TTS Group TTS Group Matrix	I supplied FOA to every school 1 £84.00 5 £379.00 £128.31 £995.00 Bucks' schools only Special Offer
5D Changing state	*Datalogger	See Unit 4C		
5F Changing sounds	*%The New Way Things Work	See Unit 3E		
6A Interdependence and adaptation	*%Seashore Life	Allows children to explore the flora and fauna found on beaches around the British Isles.	Granada Learning	1 user £49.00 3 user £89.00 5 user £119.00 10 user £179.00 Unlimited £299.00
	*%Encyclopedia of Nature 2.0	See Unit 2B		
	* Computer Microscope	See Unit 5B		
6B Micro-organisms	*%Encyclopedia of Science 2.0 Internet	See Unit 3D www.bbc.co.uk/schools		
6E Forces in action	*%Encyclopedia of Science 2.0 *%Science Stars: Lost in the Labyrinth Underwater Rescue	See Unit 3D 2 adventures that focus on forces and motion.	Sherston	1 user £44.95 3 user £67.43 5 user £89.90 10 user £134.85 Unlimited £224.75
KS1	EducationCity.com	An online interactive resource to reinforce specific learning objectives. Activities are mapped to QCA SoW for Science.	EducationCity Ltd	Annual subscription £40.00

KS1	*%BBC Science Simulations 1	The opportunity for pupils to conduct a series of 'virtual' scientific experiments incl. using electricity, changing materials, force & movement, growing plants, exercise & health, food chains, light & dark. The simulations are based on the <i>BBC Science clips</i> TV series and follow the QCA SoW for Science. Each simulation provides pupils with the opportunity to select variables, control time and view the results of their experiments as animations and/or dynamically generated tables and graphs that chart the results of each combination of variables over time.	Sherston	1 user £59.95 3 user £89.93 5 user £119.90 10 user £179.85 Unlimited £299.75
KS2 Age 7 - 9	*%BBC Science Simulations 2	As above – simulations include plants & growth, light & shadows, exercise & health, electrical circuits, thermal insulation, food chains, forces & friction.	Sherston	1 user £59.95 3 user £89.93 5 user £119.90 10 user £179.85 Unlimited £299.75
KS2 Age 9 - 11	*%BBC Science Simulations 3	As above – simulations include reversible & irreversible change, plant germination & growth, food chains, exercise & health, electrical circuits, light, sun & shadow, forces & friction.	Sherston	1 user £59.95 3 user £89.93 5 user £119.90 10 user £179.85 Unlimited £299.75
KS2	EducationCity.com	An online interactive resource to reinforce specific learning objectives. Activities are mapped to QCA SoW for Science.	EducationCity Ltd	Annual subscription £60.00
KS2 Life Processes and Living Things Materials and their properties Physical Processes	*%Junior Science 1 *%Junior Science 2 *%Junior Science 3	Three CDs designed to help integrate ICT into science lessons. Each CD contains over 150 short, highly focused activities, which are closely linked to the curriculum objectives and the QCA Schemes of Work for Science.	Sherston	1 user £44.95 3 user £67.43 5 user £89.90 10 user £134.85 Unlimited £224.75 Per title
KS 2 PoS Life Processes and Living Things	*%Heinemann Explore Series	A vast range of resources to support this area of study.	Heinemann	1 user £81.25 Unlimited £162.50
KS2 PoS Materials and their properties	*%Heinemann Explore Series	A vast range of resources to support this area of study.	Heinemann	1 user £81.25 Unlimited £162.50
KS2 PoS Physical Processes	*%Heinemann Explore Series	A vast range of resources to support this area of study.	Heinemann	1 user £81.25 Unlimited £162.50

KS1 – all aspects KS2 – all aspects	PrimaryViewPoint Science Resource	Whole class teaching resource is made up of over 3000 MS PowerPoint slides. Full colour animations to demo./explain concepts. Investigations fully illustrated, showing expected outcomes/results. Summaries of learning outcomes – animated slides & questions. All slides can be edited/extended. Stimulating starter activities, final summary questions for plenary session. There are resources for all KS1 & KS2 Units of work.	PrimaryViewPoint	Yr. 1 – 5 £60.00 per disk Yr. 6 £70.00 Additional copies £10.00 if ordered at same time
KS2	Seeing Science Series: Animals Earth & Beyond Electricity *Forces Habitats Materials Plants *Human Body Light & Sound	TV-ROMs featuring up to 30 minutes of video clips with audio information screen about the topic. Glossary of terms used in the clips & text. Photo album of images, data & diagrams which can be copied & pasted. Printable worksheets. Quizzes and games.	4Learning (AVP)	<i>Per title</i> 1 user £50.00 Extra user licences £10.00 require the 1 user licence to have been purchased 30 user £75.00 Unlimited £100.00
KS2 – all aspects	*Science Interactive Whiteboard Charts	50 interactive computer/whiteboard charts covering Life processes & living things, Materilas & their properties, Physical processes. Includes work sheets, quizzes and a revision tool.	daydream Education	Unlimited £249.00
KS2 - Electricity	Crocodile Clips Elementary	Crocodile Clips Elementary comes with a set of worksheets introducing electric current and circuits, and you can also use the pictorial components to build your own circuits, adding text and images as you go. All of the circuits you design simulate just like in real life, letting you experiment with electricity in a safe and enjoyable way.	Crocodile Clips	Download Free Software at www.crocodile-clips.com

For a list of Science websites see the ICT Curriculum Support Team website at www.bucksict.org.uk

***These titles are available for review at the ICT Centre**

%These titles are available at discounted prices from OneStopEducation www.onestopeducation.co.uk/buckinghamshire

Supplier

ICT Centre
AVP
Data Harvest Group Ltd
DCP Microdevelopments Ltd
daydream Education
EducationCity Ltd
Matrix Display Systems Ltd
PrimaryViewPoint
TTS Group Ltd

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