

AWE Schools Equipment available on Loan



Equipment	Description	Box
Human Torso - P95/E This set includes: The Giant Heart Model and Functional Heart Model	Full size model dissectable into 13 parts. (380x250x870mm) - Twice size of human heart – hinged windows showing internal parts - Filled with coloured water	No.1
Child's Jaw Model With Teeth	4 Removable teeth, also showing structure, roots, nerves etc (360x130x230mm)	No.2
Sectional Tooth Model	3d cross section of molar for study of basic tooth structure and a model of a complete set of adult teeth	No.3
Carious Tooth Model	An enlarged model of an upper molar	No.3A
Vertebrae	Flexible spinal column showing nerves, pelvis, brain stem etc (740mm)	No.4
Mini Skeleton	With muscle attachments	No.5
Functional Ear Model	Demonstrates mechanical structure and function	No.6
Ear Model in Case With Ear Defenders		No.7
Ear Model	Shows ear structure with 3 removable parts	No.8
Sectional Ear Model x2	Dissectable showing detailed ear structure	No.9
Eye Model	Six part mounted on a stand	No.10
Eye Model On Stand	Giant model with five detachable parts	No.11
Lifting Mannequin	Illustrates correct lifting method and spinal distortion on incorrect lifting (200x150x150mm)	No.12
Lung Volume Kit	Four inflatable lung sacks showing lung capacity	No.13
Mini Monitors x2	Contamination monitors	No.14
Projector	PC compatible - on long term loan to Bramley School	No.15
Ammeter	Digital clamp on ammeter	No.17

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Telescope 1 of 1 box 1 Stand 1 box Magazines	With stand. Telescope approximately 1500mm long Magazines in separate box file Not Shown Now with Steve Harris. 24hrs notice needed.	No.18
Light Sensormeter	Measures light intensity	No.19
Mirror with support blocks	300x200mm	No.20
Buzzers, Motors and Crocodile Clips	Selection of each	No.21
Equality of Pressures in Liquid Apparatus	Bulbed glass cylinder with plunger	No.22
Hydraulic Press	For demonstrating transmissibility of fluid pressure (240x155x100mm)	No.23
Thermal Conductivity Bars	A moulded plate with 4 different metal strips each carrying a temperature indicating strip (220x58mm)	No.24
Electric House	Showing wiring layout for a 6 roomed house with working lamps & switches	No.25
Friction Rig x2	Includes a selection of varying textured guttering to show resistance. Quite bulky Not Shown	No.26
Hands	Various textured hands & associated equipment	No.27
Microscope	PC compatible	No.28
Sounds Experiments x6	Including "tangled tubes", tambourine, guitar, whistle, triangle & stethoscope	No.29
Sound Meter	Works with temperature, light & sound	No.30
Data Loggers x5 Pulse Monitors x10	Clips to ear or finger	No.31
Magnet Selection – P345/6 Force on a conductor demo Magnetic Field Demo x3 – P351/D/E/F Demonstration Electric Motor – P353/E Demonstration Dynamo – P353/F x 2	Floating ring x15, bar x20 , 6 field frames for use with OHPx14 U shaped magnet with brass rails & 4mm socket terminals. When connected to a power supply an axle is repelled away from the centre of the magnet. For investigating the magnetic fields associated with a solenoid coil, vertical coil & a vertical wire. A model of the simplest form of d.c. electric motor. Operates on a 4-8v dc supply. As the above motor, but is mounted on a base-plate and also has a hand drive pulley coupled to a smaller dynamo pulley.	No.32
Colour Investigation Kit		No.33

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Orbit Orrery x 2	Demonstrates the movements of the planets and the moon. Motorised orrery with additional star dome to turn it into a simple planetarium. A 6v lamp illuminates the sun. Height 125mm:	No.34
Light Box, Optical Set and Acrylic Blocks	Supplied with a selection of mirrors, lenses, prisms, coloured filters & cards. 8 blocks of varying shapes to be used with light box Not shown	No.35
Class Joulemeter x2		No.36
A Selection of Videos	Alternative Energies: Fuel for the Future Let's Move It: Newton's Laws of Motion Breaking The Silence: An Introduction To Sound Out Of Darkness: Nuclear Power Food into Fuel: Our digestive system The Eye: An inside story	No.37
Forces x 3	Graduate Projects: Not shown	No.38
Light x 2	Graduate Projects:	No.39
Body Tunic and Bag o' Bones	Colourful velcro stripped tunic for children to experiment with placing body parts in correct locations! Slightly more comprehensive with labels for bones rather than body bits	No.40
Skeleton	Life-size moveable skeleton	No.41
Cambridge Brain Boxes	Electronic Kits 7 boxes	No.42
Giant Flower Model and Flower Plaque Model		No.43
Sound Sensor Meters x 5		No.44
Temperature Log Sensors x 5		No.45
Pond Dipping Kit 1 box	3 trays, 2 clear fish tanks, 2 2 way viewers and 2 marine viewers.	No.46
Linear Air Track Kit and Electric Blower		No.47
Van De Graaff Generator + Accessories		No.48
Solar System Set	Velcro stripped	No.49
Water Cycle Simulator		No.50
Pin Hole Camera		No.51
Pulley Rig	Frame and associated equipment and plastic truck. Quite bulky	No.52