

### LAMS eLC Sequence Library Datasheet

SUBJECT	TOPIC	KEY STAGE	DESCRIPTION
Design and Technology	Bread and Bread Products	2	This LAMS sequence helps pupils to learn about bread and bread products through a range of online activities including a brainstorm, survey, PowerPoint slideshow and collaborative question and answer (Q&A) tasks.
	Designing Slippers	2	This LAMS sequence introduces pupils to the skills and processes behind slipper design when it is for different purposes, using a series of online voting, collaborative Q&A, survey and Internet research activities.
Geography	About Places	2	This LAMS sequence about the concept of place begins with an online survey for home about favourite holiday locations. The findings are then discussed and analysed in the classroom. Finally, pupils use the Internet to research 1 of 12 cities for a short report. These can be displayed on a wall map of the world.
	Hot and Cold Places	2	This LAMS sequence explores hot and cold places by using the Internet to consider holiday destinations and weather, looking at satellite images of the world and introducing the concept of climate zones.
	The Amazon Rainforest	3	This LAMS sequence using the Internet and online collaborative tasks to guide pupils through the preparations needed for a debate on the Amazon rainforest.
History	Which Greek words do we use today and why?	2	This LAMS sequence shows pupils how we still use ancient Greek words today, and why that culture has so much influence over us today, through a brainstorming activity, internet research and creation of a word bank.
	Victorian Britain	2	This LAMS sequence provides information about the working condition of children in Victorian Britain and promotes online discussion about why these conditions existed, as well as an online writing activity imagining the life of a child factory worker.
	Famous Historical Figures	3	This LAMS sequence explores why certain people become famous historical figures, using collaborative Q&A activities, classification with a spreadsheet tool, and group work to generate criteria for fame.
Science	Fitness Challenge	2	This LAMS sequence introduces fitness knowledge and ideas in a fun game format where groups of pupils answer online questions about exercise before completing a physical activity in the classroom.
	Fit and Healthy	3	This LAMS sequence relates fitness levels to the systems of the human body, using collaborative Q&A activities, a simple experimental design and some guided online discussions about health and fitness.
	Keeping Healthy ~ Diet	2	This LAMS sequence tests knowledge about a healthy diet through online surveys, quizzes, and design of a health smoothie, as well as getting pupils to think about how they can make their own lifestyle healthier.
	Respiratory System	3	This LAMS sequence explores the function of the respiratory system and associated anatomy, using collaborative Q&A activities, simple experimental design, and reflective questions to guide their discussions.
	Drug Effects	3	This LAMS sequence illustrates that drugs are substances that change the way the mind or body works, by using an experiment to show the effects of caffeine on speed and accuracy, and online discussion tasks.
	Joints Function	3	This LAMS sequence explores how joints/muscles function and their typical problems, using online articles, a PowerPoint slideshow, practical demonstrations and online discussion of a medical case study.
	Plants and Photosynthesis	3	This LAMS sequence investigates the role of the leaf in photosynthesis through an experiment, including online sharing of results and group discussion.
	Plants for Food ~ Fertilisers	3	This LAMS sequence investigates the major components of fertilisers and how they affect plant growth, using Internet research, online voting, forums and a quiz.
	Habitats ~ Food Chains	2	This LAMS sequence introduces the concept of food chains and habitats to pupils, through interactive PowerPoint slides, quizzes and collaborative Q&A activities.
	Useful Metals	3	This LAMS sequence introduces the topic of metals through a review of current knowledge and the creation of a fact sheet about the properties of a particular metal, its uses and where it can be found. <i>This sequence is also available in a single learner format so that it can be set as a homework activity.</i>
	Reactivity ~Tarnished Metals	3	This LAMS sequence explores patterns of reactivity among different metals when in air including topics such as observed metal reactions, corrosion and reactive alkali metals. Online activities include collaborative Q&A, quiz, online discussion, Internet resources and a sorting task.
	Environmental Chemistry ~ Global Warming	3	This LAMS sequence encourages pupils to investigate and evaluate the evidence for global warming through Internet research, online collaborative activities and creating a digital presentation about their findings.
	Using Chemistry ~ New Materials	3	This LAMS sequence explores the variety of materials made through chemical reactions by reviewing current knowledge of chemical reactions, followed by researching and presenting the development of a well-known product. Online activities include quiz, small group discussion, and preparation of a digital presentation.
	Energy and Electricity	3	This LAMS sequence investigates how energy is converted from one form to another by reviewing knowledge of energy forms, teaching about the differences between potential and kinetic energy and creating energy transfer equations. Online activities include digital resources, quiz, survey, discussion and PowerPoint tasks.
ICT	Internet Searches	3	This LAMS sequence teaches pupils about: using the Internet to search for information, how search engines work and the information contained within a URL, through a range of online search activities and resources.
	Internet Bias	3	This LAMS sequence encourages pupils to investigate and analyse bias when using websites as sources of information by using online activities such chat, Q&A, Internet searches and analysis of a website for bias.
Citizenship	What Makes News ~ Secondary	3	This LAMS sequence explores the various approaches taken to news by journalists according to different audiences, using online discussion, survey, collaborative Q&A and Internet resources.
	What Makes News ~ Newspapers ~ Primary	2	This LAMS sequence is a simplified version of the "What Makes News" (Secondary) to make it appropriate for younger pupils (KS2).
English	Using a fairy tale in a debate ~ Secondary	3	This LAMS sequence engages pupils in a debate about morals and ethics using a fairy tale as a basis for argument, using online resources, a set of collaborative Q&A tasks, and online submission of a short essay.
	Using a fairy tale in a debate ~ Primary	2	This sequence is a simplified version of "Using a Fairy Tale" (Secondary) to make it appropriate for younger pupils (KS2).
	Using Role Play in a Debate ~ Secondary	3	This LAMS sequence engages pupils in a role-play debate using online collaborative activities to assist them to construct arguments. Online activities include digital resources, online small group discussion and voting.
	Using Role Play in a Debate ~ Primary	2	This sequence is a simplified version of "Using Role Play in Debate" (Secondary) to make it appropriate for younger pupils (KS2).
	Debating an Issue from Four Corners ~ Secondary	3	This LAMS sequence engage pupils in a debate about where the pupils place themselves relative to one of four positions in response to a given debate statement. Online activities include voting, collaborative Q&A, Internet research and discussion.
	Debating an Issue from Four Corners ~ Primary	2	This sequence is a simplified version of "Debating an Issue from Four Corners" (Secondary) to make it appropriate for younger pupils (KS2).
	Writing Exercise ~ Secondary	3	This LAMS sequence guides pupils through a creative writing process and encourages peer review and constructive criticism using stream-of-consciousness writing and other techniques to describe an event. Online activities include collaborative Q&A, discussion, chat, and online submission of a writing task.
	Writing Exercise ~ Primary	2	This sequence is a modified version of "Writing Exercise" (Secondary) to make it appropriate for younger pupils (KS2).
	Internet Searches ~ Non ICT	3	This is a generalised version of the LAMS sequence "Internet Searches" that is based on ICT curriculum requirements. Many different subject areas (eg, English) will find it useful if pupils have a good understanding about how to search the Internet for information when they are doing research projects, as well as how search engines work. Online activities include survey, collaborative Q&A, Internet searching and discussion
	Internet Bias ~ Non ICT	3	This LAMS sequence for English units is to make pupils aware of bias when using websites as sources of information, using chat, Q&A, Internet searches and analysis of a website for bias.

**NB: This is a partial list of current sequences – more sequences are being added all the time. We plan to have over 100 by the end of 2006, and welcome suggestions for new topic areas from LAMS eLC clients.**