

# the learning lighthouse

## Multimedia Activities for Primary Schools



The learning lighthouse uses multimedia technology to enhance and enrich the curriculum and to support raising attainment and achievement

**The Learning Lighthouse** (TLL) can be used by all Wirral schools & provides an extensive programme of activities, workshops and individualised school projects. We welcome anyone who has not used our facilities to come along to the CLC to find out how we can support you and your curriculum.

A class visit to TLL usually involves you coming along to chat through what will happen during the planned activity. This ensures that we fully understand your needs and expectations from the visit. We are always keen to suggest additional ideas and will support you throughout the length of your project. Many people return to use the facilities independently after becoming more confident and comfortable with the technology. Below are some examples of primary workshops- please refer to the matrix on the back page for curriculum links and age ranges.



**i-SciArt**- Children use digital microscopes to merge their learning about a science topic with art to create an original digital image, using PhotoShop. Includes use of iPod touches and 3D resources to support the science content.

**Magic Forest & Dragon Pathways**- animated modelling environments. Pupils explore prepared activities, make decisions and discover what happens as a consequence. Older pupils are encouraged to create their own rule-based games and adventures.

**Virtual Reality**- pupils combine images, web pages and sounds in a series of linked virtual rooms. Class projects can be exported for use as a teaching resource back at school. Past projects include rainforest, weather, Old Masters/Young Poets

**Interactive mapping**- using MapInfo Pro pupils work with and interpret maps and symbols. Can include use of an interactive mapping table, fly-throughs and media files. Can work with schools on bigger projects based around their school environs.



**Barnaby Bear's World Tour**- pupils explore different countries through maps, images, sounds, games, video and practical activities and includes use of use of an interactive mapping table and blue screen filming

**Creative Art**- Pupils work with PhotoShop to create pictures in different artistic styles e.g. Pop Art, Op Art and to superimpose themselves in other images and create montages.

**Comic Life**- Comic Life gives you the possibility of creating your own comics quickly and simply and provides great opportunities for creativity throughout the curriculum.



**Junior Control Insight**- onscreen control of animated scenarios. Pupils 'fix' partially working systems before moving on to create their own animated Haunted House, Fun Fair or Toy Shop.

**Maths Murder Mystery**- Maths meets Science & Geography at a murder scene! Designed for children to apply mathematical, scientific and geographical skills using deduction and team work. Three scenarios are available. Suitable for mixed ability classes in Year 5 or as a revision session for Year 6.



**Pod-poems**- borrow high quality sound recording devices to record your poems in school then come to TLL to create podcasts using GarageBand and comic poems using Comic Life

**2DIY**- pupils create interactive cross-curricular puzzles, activities and games. Upload them to your VLE or use them on your whiteboard.

**Chatty Science**- enhancing science investigational skills with literacy. Pupils create talking, animated characters to explain science facts. Includes use of iPod touches to support science background, digital microscopes to examine specimens and PhotoShop to create x-rays. Various topics.

### Animation

**Kar2ouche**- comic strip animation and storyboarding software enabling children to role play real or imaginary situations. TLL has ALL available Kar2ouche titles including: Tudors, Starting French, Bullying, Living things & their environment, Understanding Religion etc.



**Flash Animation**- Pupils design their own characters and backgrounds and create simple, timeline-based animations.



**Stop Frame Animation**- Pupils will have the opportunity to create an animation by creating their own models and sets, taking photographs, editing and adding sound effects, music and titles.

### Filmmaking

**TLL** can support primary schools in creating their own films. This might be just loaning quality cameras and tripods from TLL or you may wish to have more filmmaking and editing support.

**Basic Camera Skills**- It is fairly easy to get a video camera out of the bag, switch it on and start filming. It is not so easy to get decent footage. There are a number of simple and easy to follow filming guidelines and tips, which can make all the difference between good and bad footage. Pupils will use a variety of practical filming techniques to help improve the quality of film production in schools.

**Video Editing**- At TLL we are able to accommodate whole class video editing and pupils are introduced to basic editing techniques using Adobe Premiere Pro. Why not also use our blue screen studio to give the illusion of being in any time and in any place?

**Foundation filmmaking**- TLL can visit your school to film Foundation and Yr 1 classes. Pupils take turns to film, help with the sound, take photographs and appear on screen. The film could be about life in their classroom, giving instructions or a class topic. We then request that you come along to TLL to edit your film. It won't take long and it is great INSET for you.

**Down Stream Key**- pupils use our blue screen studio to create a live, real-time effect- just how the weather is filmed. This is suitable for many curriculum areas and usually involves some other activity. Transport your pupils anywhere!

Images, animations and film clips from these workshops are showcased on our website.

Full details can be downloaded from

[www.tll.org.uk](http://www.tll.org.uk) or email [admin@tll.org.uk](mailto:admin@tll.org.uk)

**We are a friendly, flexible team able to adapt the delivery of projects to the needs of the group and ever keen to push the boundaries of technology in education. We ensure that every young person makes a positive contribution and encourage them to have a say about issues that affect them both collectively and as individuals.**

*'Our visit has raised ICT skills'*

*'Boosts Speaking and Listening skills and the children's confidence'*

*'As a result of our visit we have noticed increased levels of attainment in literacy skills'*

*'I feel confident and inspired to use the CLC again'*

*'I think this is probably the best and most professionally run resource that we have on Wirral'*

### Linking Our Thinking Matrix Key

EYFS KS1 KS2

Workshop	Science	Art	Maths	Literacy	Geog	ICT skills	Cross-curric*	Anim	Video
M Forest/D Pathways				■		■	■	■	
Virtual Reality						■	■		
Interactive Mapping					■	■	■		
Creative Art		■				■	■		
Comic Life				■		■	■		
Junior Control Insight						■	■		
Maths Murder Mystery	■		■		■				
i-SciArt	■	■							
BB's World Tour					■	■	■	■	
Pod-poems						■	■		
2DIY						■	■	■	
Chatty Science	■					■	■	■	
Kar2ouche				■		■	■	■	
Flash Animation						■	■	■	
Stop Frame Anim						■	■	■	
Basic Camera Skills						■	■	■	■
Foundation Filming						■	■	■	■
Down Stream Key						■	■	■	■

\*Workshops can be adapted to a range of curriculum areas or themes

### Equipment loan service

Short term loan is free of charge to schools

- Digital cameras
- Digital video cameras- DV and high definition Flips
- Tripods and accessories
- Video editing laptops
- Sound recorders
- Portable blue screen kit
- Dataloggers with sensors for field studies
- Handheld GPS units
- Data projectors
- Soundbeam kits
- iPod Touches
- Nintendo DS Lites
- MP3 players



[www.tll.org.uk](http://www.tll.org.uk)

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