



Science, Art, ICT and Citizenship- Linking our Thinking

# 'i-SciArt' - Microscopic science & digital art meet the iPod touch

An exciting and creative Science and Art project revealing the fascinating details of the microscopic world- now updated to include the use of iPod touches and 3D projection\*.

A number of sessions are available please ring for dates

\*the range of resources vary between workshops

The **SciArt** workshop comprises:

**Introduction** – Science knowledge and key investigational skills of your chosen topic which may include video, **NEW** 3D animations and the **NEW** iPod touch

**Microscope Skills** – Capture and save images

**Hands-on Investigational Session** – Exploration of materials, objects or specimens and discovering answers (or even questions!) from observations

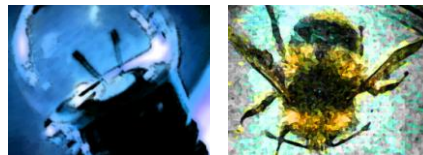
**Basic Adobe Photoshop Skills (Yr1-6)** – enhancement of images using filters and changing the colours and saturation levels

**\*NEW\* Advanced Adobe Photoshop Skills (Yr3-6)** – for pupils who have mastered the basic skills in previous workshops- a choice of layering, rotation, repetition and texturing images to form unique designs. Photoshop sessions can be tailored to match your art topic e.g. Georgia O'Keefe- textures, William Morris- repeats, Andy Warhol- Popart

**Resources** – CD ROM and colour prints of pupils' selected digital art to take back to school for use in art lessons, displays, creative writing and science discussions



Technology has been identified as a high priority and our existing SciArt workshops have been updated to include exciting new resources. Children will use iPod touches, experience 3D projection, digital microscopes and visualisers to merge their science and art skills to create an original digital image.



This popular workshop is now attracting schools back for repeat sessions. Pupils who have been before benefit from their past experience; working more quickly and creating more detailed, digital images extending their existing Microscope & PhotoShop skills.

Workshops will include the use of 'Apps' on iPod touches to bring learning directly to pupils' fingertips, whilst the use of 3D resources\*



will totally immerse them in the science.

The inclusion of visualisers will enable pupils to examine bigger objects and pond life under magnification.

The Learning Lighthouse has 20 digital microscopes, 40 iPod touches and a class set of 3D glasses so your whole class can enjoy a state of the art digital science & imaging experience.

## NEW Applied Science Sessions

**'Peep Inside the Treasure Box'**  
(KS1 materials)

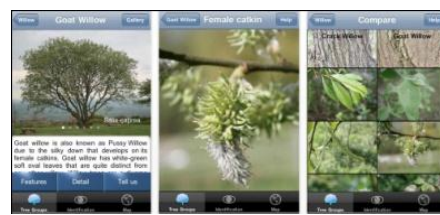
**'Humans – the heart & bones of it'**  
(a closer look at our amazing body)

**Global Warming- what can we do?**  
(Recycle, compost, energy saving)

**'Rock Solid'**  
(Compare & contrast igneous, sedimentary & metamorphic rocks using digital keys)

**'Let's be an Ecologist'**  
(KS2 habitats & digital keys)

**'Who's eaten whom?'**  
(KS2 habitats)



Our science topics have been updated to include a **NEW** investigative element, closely linked to the Wirral Primary Science scheme of work. The original SciArt topics are complemented by a new 'Applied Science' range, all are suitable for KS1 & KS2 pupils. Please see 'SciArt details flyer' for more information.

Prior to your visit schools must liaise closely with the Learning Lighthouse about their chosen science topic to ensure that curriculum needs are met.

To book your class on this **FREE** workshop contact:

**the learning lighthouse CLC**

**0151 678 2509**  
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