



ICT enrichment at *The Learning Lighthouse CLC*



SciArt

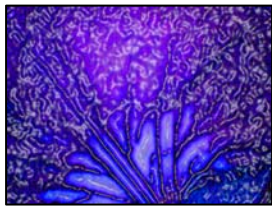
Science based digital art for primary schools

The marriage of art with science stretches back to Leonardo da Vinci's drawings of dissections in the 15th century. Today, highly sophisticated imaging techniques such as MRI (magnetic resonance imaging), CT scans (computed tomography, a technique for looking at the body in sections) and the scanning electron microscope have opened up the visual side of science to artists. Many artists use such images to form impressions and inform their art.



SciArt

is an exciting, new creative project for primary schools. Children will use digital microscopes to merge their learning about a science topic with art to create an original digital image in the style of a chosen artist. The Learning Lighthouse has 16 digital microscopes so your whole class can enjoy a digital imaging experience.



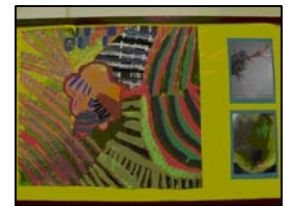
The half day workshop is suitable for year 2 to year 6 pupils. Sessions will be led by Rose Froud, a recent Science Advisory Teacher for Wirral. Teachers can choose from a number of science topics which are closely linked to the Wirral Primary Science scheme of work. Please see *SciArt details document* for more information.



MATERIALS PLANTS HABITATS ELECTRICITY SOUND HUMANS SATS REVISION

The **SciArt** workshop comprises:

- **Introduction** - Science background (knowledge and key investigational skills) of your chosen topic which may include PowerPoint, video or animation formats
- **Microscope Skills** – hands-on session - how to use the microscope, capture and save images
- **Art Link** – inspiring children with artwork by a famous artist of your choice
- **Image Capture** – children take their own images informed by the work of the artist in focus
- **Adobe Photoshop Skills** – children enhance their images by applying filters and changing the colours and saturation levels
- **Resources** - CD ROM and A4 colour prints of pupils' selected digital art to take back to school for use in art lessons



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Prior to attending the workshop schools will need to choose a science topic and liaise closely with Rose, via the Learning Lighthouse, in order to ensure that your curriculum needs are met.

Primary schools are eligible for a 50% travel bursary for this workshop

To book your class for a free workshop please contact:

The Learning Lighthouse: 678 2509