

Pinhole Photography, Solargraphy and Camera Obscura Creation

The course will look briefly at the history, science and contemporary approaches to pinhole photography, and delegates will learn how, at a minimal expense, students can make and use their own wide-angle pinhole camera out of discarded objects. They will then use this wide-angle camera, with a combination of traditional and digital techniques, to create positive black and white images.

How these cameras can be adapted to create long duration exposures, will be covered, showing the sun tracking across the sky for up to six months. As well as this delegates will be shown how to make a simple, but highly effective, semi-permanent camera obscura for their school.

The aims of the course are to consider:

- Affordably introduce students to pinhole photography
- Experience the benefits of combining both old and new technologies
- Learn how to enable students to take 6 month duration exposure images
- Learn how to make a simple but effective lens-based camera obscura

Who should attend?

Art, Science, Photography and Design & Technology Teachers at KS 3, 4 and 5, as well as those involved with after school photography clubs.



Programme

9:30	Arrival, registration and coffee	1:45	Digital Manipulation & Six Month Duration Exposures
10:00	Welcome & introduction to the day		<ul style="list-style-type: none"> • Taking, developing and viewing images • Using digital techniques to create positive images from paper negatives • Adapting the camera to take six month duration exposures
	Introduction to Pinhole Photography		Advanced Pinhole Photography & Camera Obscura Construction
	<ul style="list-style-type: none"> • History and science of pinhole photography PowerPoint • Materials for the construction of a pinhole camera • Building the pinhole camera 		<ul style="list-style-type: none"> • Six-month duration images and contemporary approaches to pinhole photography • Advanced approaches to pinhole photography • Camera obscura construction and viewing
11:00	Coffee		
11:15	Making & Using a Pinhole Camera & Basic Darkroom Construction	3:45	Evaluation and close of course
	<ul style="list-style-type: none"> • An introduction to creating a simple darkroom • Loading cameras with photographic paper • Techniques of exposure and subject choice; Processing images 		
12:45	Restaurant Lunch		

About the tutor



Justin Quinnell has been teaching and lecturing pinhole photography for 20 years and is internationally recognised as one of the world's greatest exponents of this fascinating subject. He has written many publications, most recently *Build your own Paper cameras* which had its launch at the British Library in 2009. Last year he was used as a pinhole photography consultant in the highly acclaimed feature film *The Brothers Bloom*.

He is a fully qualified secondary teacher (Design & Technology), was Head of a Further Education Photography Department for seven years and is currently a part time lecturer on the BA Hons photography course at a University College in the Southwest of England. He has also appeared on various television shows including the BBC One Show, *The Jonathan Ross Show*, *smART*, and the Radio 4 *Today* programme.

The best course I've been on in 13 years - fabulous! Can't wait to get back to the classroom and try it.

Katy Devine,
Ackworth School,
West Yorkshire

Booking form

Name Mr/Ms/Mrs/Miss/Dr	Job title
Email address for correspondence	
Principal subject you teach	
Tel	Fax
Course date	Course location
School name and address	
County	
Postcode	
Special requirements	

Please tick here if you do not wish to receive details of future relevant courses. We do not share your details with third parties.

How to book: The cost of the course is £225 plus VAT. This price is valid for all bookings received before the end of August 2011. **Online at:** www.lighthouse.tv. **By telephone on:** 0800 587 8880. **By Fax on:** 0845 609 8880. **By post to:** Lighthouse Professional Development Ltd, Waterside House, Basin Road North, Portslade, Brighton BN41 1UY.

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