



IMAGING PARTNERSHIP

Exploring Education Through Imaging

Augmented Reality Club

Sessions Overview

Through a series of entertaining and educational workshops, based on practical hands-on experiences, this course is designed to give an appreciation of how Augmented Reality contributes to everyday applications, through the medium of Photography/Imaging and for pupils to gain an insight into a range of related careers.

Breakdown of Sessions for the Augmented Reality Workshops:

Session 1: Introduction to AR

Learning opportunities include:

- What is a AR?
- AR vs. VR
- Discussing their own experiences of AR

Session 2: AR through Photography

Learning opportunities include:

- Capturing a range of images
- Use of zoom in photography
- Manipulating images (Photoshop or similar)

Session 3: AR through Macro Photography

Learning opportunities include:

- Techniques for macro photography
- Capturing a range of close up images
- Enhancing close-ups to highlight details

Session 4: AR Hardware & Software

Learning opportunities include:

- Headsets and glasses, including Google Cardboard
- Google Tango
- Combining photo images and information

Session 5: AR Applications

Learning opportunities include:

- AR in Education
- AR in Sports and Entertainment
- AR in Archaeology, Architecture and Construction
- Capturing sports images (panning) and combining them with information

Session 6: The Future of AR

Learning opportunities include:

- Working as part of a group
- Pupils use their knowledge to predict how AR might impact on their lives in future
- Presenting their ideas to the group