

BRINGING BIOLOGY TO LIFE

ENGAGE WITH EVERY DETAIL

Project highly detailed images to large audiences, allowing students to benefit from enhanced visual learning. The improved clarity and visibility enables students to engage more easily with the content, and to learn in much greater detail – while the 3LCD colour system ensures vivid colours and bright images, even in bright light.

Preparation

Prior to the activity, you will need:

- Projector
- iProjection app
- Visualiser – optional

HIGHER EDUCATION ACTIVITY

Objective: To gain a greater understanding of the immune system

Method

1. During a lecture to biology students, detailed images of the different cells in human blood are displayed to the students, then explained and annotated.
2. Students are then shown high definition video footage of the blood cells fighting an infection, with the lecturer pausing, zooming in and annotating at relevant points.
3. The students are able to see in very high detail how blood keeps us healthy, and the lecturer is able to move seamlessly between different media in order to teach in a more engaging manner.

Age range:

16 years +

Outcome:

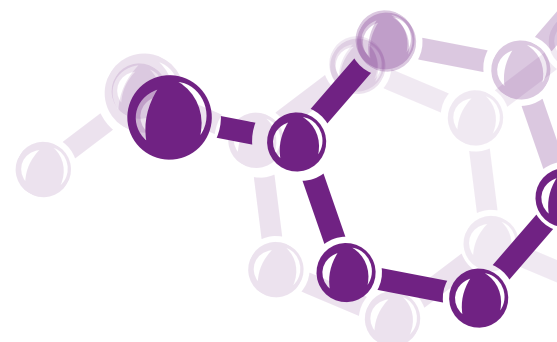
Gaining a greater understanding of the intricate workings of humans

Key skills:

Collaboration, analysis, discussion and self-discovery

Timing:

Approximately 1 hour





FURTHER EDUCATION ACTIVITY

Objective: To enhance student knowledge of intricate details

Method

1. During a lecture for medical students, highly detailed biological images or videos are projected onto the screen from a wirelessly connected tablet or laptop.
2. The lecturer is able to pause and zoom in at any given point, enabling the students to see very specific details without losing clarity – for increased focus and engagement.
3. Alternatively, the visualiser could be used to display samples or 3D models, which can be viewed by students in the lecture theatre at varying light levels, for real depth of understanding.

PUT EPSON TO THE TEST

With innovative solutions that inspire and motivate every type of learner, you have everything you need to support critical development and improved outcomes – across every course.



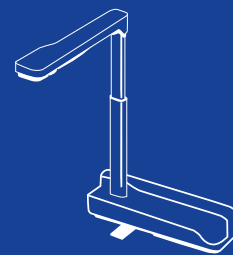
Epson EB-G6650 Installation projector

- Ultra-bright: 6,000lm White and Colour Light Output
- High clarity: WUXGA screen resolution
- High quality images: Full HD 3LCD technology



Epson iProjection app

- Project content directly from your mobile device
- Annotate content intuitively
- Easy to use and navigate



Epson ELP DC06 Visualiser

- Easy to carry: Weighs under 1kg
- Two-in-one USB cable connection
- Powerful 4x digital zoom, 90° head rotation and autofocus function

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