

## What is a Visualiser?



A visualiser is an electronic imaging tool for displaying 3D objects, artwork, practical materials, organic matter or live visual aids. Simply connect to a projector to bring your lessons and presentations to life!

This easy to use tool allows you to zoom in on the minutest detail and project the image on to a screen for the whole class to see with ease. A visualiser can also fulfil the role of web/video camera and magnifying glass, meaning this single piece of equipment can facilitate a range of activities across the curriculum.

### 7 ways a visualiser can enhance each and every lesson?

#### Sharing resources & saving time

Place lesson documents under the camera for all to see, minimising the need to photocopy handouts, thus reducing preparation time. The built-in light box also enables you to share and enlarge slides, photo negatives and acetate documents.

#### Enlargement and magnification of 3D objects

Be it plant life, electrical components, bacteria, a piece of organic material. The ability to be able to enlarge and zoom in on such material helps captivate the audience by enabling the whole class to see even the minutest of detail with ease.

#### Bring the outside world into the classroom

By rotating the visualiser camera head and pointing it outside you can zoom in on local traffic congestion or habitats such as birds nesting sites or ponds. You can even record the activities seen for playback and review as part of your lesson.

#### Review students work

Share example of students work for giving praise or generating immediate feedback. By using the *Split Screen* function, you can also place both the answers and worksheet under the visualiser for discussion and review. If used with an interactive whiteboard text can be grabbed for further annotation and evaluation.

#### Close up inspection without disruption

Being able to hold an image of the object on the screen while the object itself is passed around for inspection can help to retain the attention of your class while individuals are having a closer look.

#### Visually compare two sides of an object at the same time

In practice this might be showing a design drawing and the finished component allowing studentS the opportunity to understand the relationship between the two processes. Alternatively it could be a dissection piece, such as an eye ball, in a before and after state to clarify or identify the different layers that make up the eye.

#### Recording of practical demonstrations

A practical demonstration or experiment that you have performed over and over again with your entire class crowded around a small desk fighting for a view, if recorded could then be edited and enhanced for playback to your entire class as they remain seated, allowing them to get a clear, unrestricted view of all the detail. This information can then be saved to a PC or network for all to access and replay at a later date for further analysis or revision.

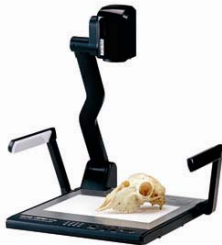
A single tool that offers all these facilities would make a valuable addition to any school and the new GeneeVision visualisers from Bretford can do all this and more!

**GeneeVision100**

Portable & lightweight entry level visualiser offers you an economically priced solution for starter level applications. Cannot be connected to a computer!

**GV-100****GeneeVisionMini**

Compact mini visualiser offers you a portable multimedia presentation and teaching tool whilst retaining many of the impressive investigative and evaluation functions of the larger models.

**GVIS-2100****GeneeVision6100**

This easy to use visualiser provides you with a powerful tool that incorporates the full range of investigative and evaluation functions. Simply connect to a projector to bring your lessons and presentations to life.

**GVIS-6100****GeneeVision8100**

Top specification visualiser with the full range of investigative and evaluation functions. Plus includes internal memory and built-in SD card slot for incorporating downloaded data or previously created documents into your lesson or presentation.

**GVIS-8100****Califone Digital Microscope**

This handheld digital microscope offers you an inexpensive introduction to microscopes for users of all ages. The novel design creates the opportunity to view specific details of objects that are not visible to the naked eye or accessible using a normal microscope.

**CM1-USB****GeneeVisionMicro**

Offers the full functionality of a standard microscope but with the additional benefit of being able to connect to any PC, laptop, interactive whiteboard or projection device to allow everyone in the class or lecture to view the slides together and on a much larger scale.

**GVIS-Micro****Bretford Manufacturing Ltd**

2 Etongate, 110 Windsor Road, Slough, Berks, SL1 2JA

Tel: 01753 53 99 55 Fax: 01753 53 94 78 Email: [sales@bretforduk.com](mailto:sales@bretforduk.com) Web: [www.bretforduk.com](http://www.bretforduk.com)