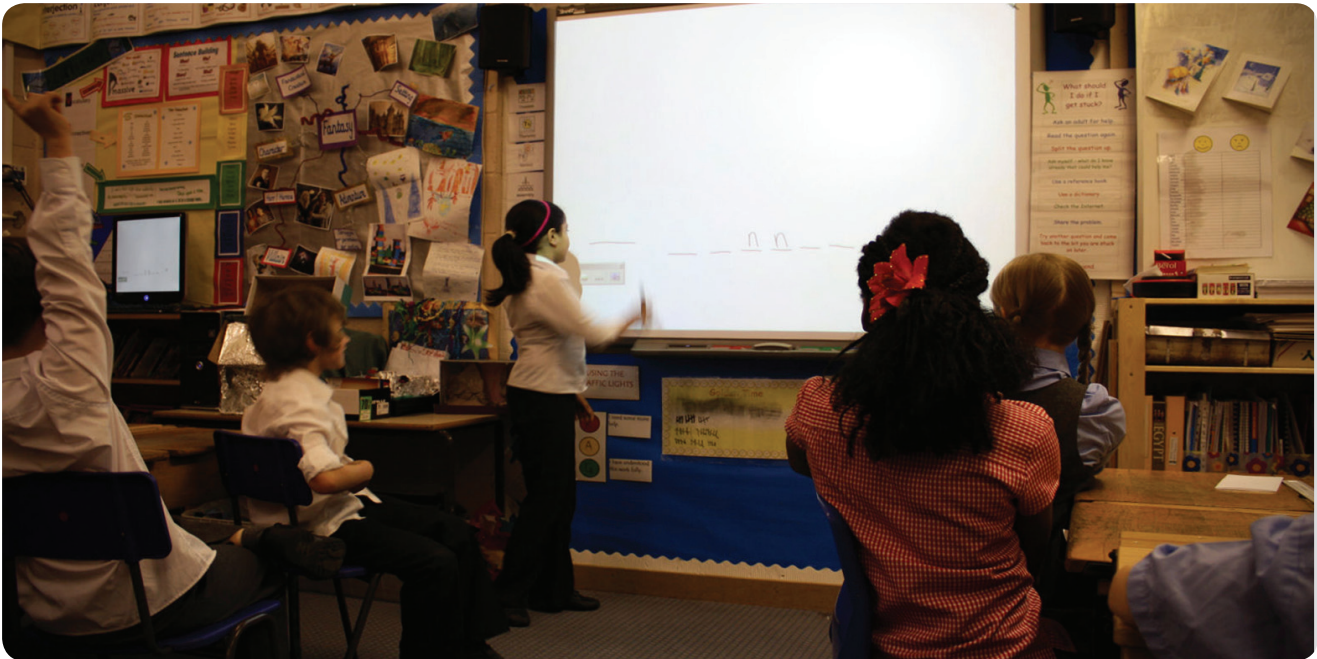


CLASSROOM AV

TEIKYO SCHOOL



THE SUMMARY

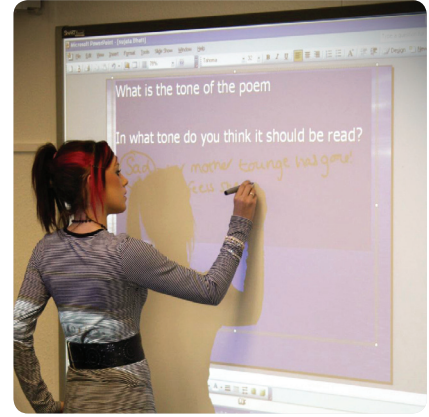
A large Buckinghamshire boarding school wanted to improve the lesson quality for its students and third party clients by upgrading the classroom Audio Visual experience. Old methods such as chalkboards and TV trolleys could no longer be relied upon to support the requirements of the envisaged 21st century classroom.

An RTS Classroom AV package was installed, featuring an Interactive Whiteboard (IWB), Projector and supporting equipment. The AV package benefits the school in many ways, including:

- The quality of lessons has improved greatly - The IWB can display everything from notes to software and video. Classes are now much more dynamic, interactive and fun!
- Much time is saved – teachers no longer need to configure the AV trolley before a lesson. The IWB is always ready. All class notes can be saved so they don't have to be written out again. They can also be revisited in future exam revision sessions.

“RTS spent a lot of time making sure that they understood our teaching and learning needs and came up with solutions that have really made the time spent in school more efficient and effective”

Paul Clabon, Deputy Head Teacher



THE CLIENT

Teikyo Foundation is a Japanese mixed, secondary boarding school in Wexham, Buckinghamshire. The large school grounds host a variety of buildings that the foundation leases to other educational authorities.

One such authority is the International School of Creative Arts which moved into the Creative Arts block in the summer of 2009. This variety of potential users (and therefore IT literacy) means that the estate requires resources that enable people to quickly make use of them without training.

“The equipment has been reliable and the aftercare support superb. Installation was carried out in a safe way around school opening hours, all work was to a very high standard”

Paul Clabon, Deputy Head Teacher

THE CHALLENGE

Teikyo wanted to improve the quality of teaching by updating its classroom audio-visual provisions.

Originally, most of Teikyo's lessons were paper-based, making use of whiteboards and chalkboards. When teachers wanted to show the class a video they used outdated TV trolleys featuring VCRs, DVD players and small televisions. Online and computer-based material was inaccessible as the TVs did not having the required connectivity.

This original provision presented a number of drawbacks:

Paper based learning

- Students could lose notes without having a backup copy
- Paper notes are difficult to edit and append
- Environmental impact of photocopying resources for whole classes at a time

Whiteboard / Chalkboard

- Boards have limited space
- There was no record of written information. Each session had one use and then needed to be removed.
- There was a lack of interactivity, meaning classes were not as dynamic and exciting as they could be



TV trolley

- Issues with double-booking and availability
- Usability problems – the original trolley only had a small screen
- The setup time was prohibitive to showing resources quickly
- Staff members were often unfamiliar with the hardware, meaning they often struggled to use the equipment effectively
- Trailing cables and the use of extension leads presented a health and safety issue
- Having the AV equipment in the classroom presented a clear security risk

THE SOLUTION

We were requested to design a solution that would overcome all of these issues. A new classroom AV package was developed that is not only very technically capable, but is easy to use and extremely secure.

The Teikyo RTS classroom package features:

- A 77" Interactive Whiteboard
- A ceiling-suspended projector, with all cables concealed above the ceiling or within trunking
- An audio visual interface plate installed at the teacher's workstation with inputs for laptops (VGA), DVD or VHS players (composite video), audio and USB
- A wall-mounted Projector Control Unit that allows staff to control the power and source selection of the projector as well as change the volume on the speaker system

Teachers using the system are now able to quickly distribute course notes to students and recall them for use in exam revision sessions. With the equipment always available it's now incredibly straightforward to use digital and online materials within classes.

"I would recommend RTS to any school considering any scale of ICT work"

Paul Clabon, Deputy Head Teacher

FIND OUT MORE To find out more about our work for this client contact us now on 0121 285 7222 or email us at hello@responsetech.co.uk