

Case Study



Horizon donates iPads to Gloucestershire school to aid STEM learning

Horizon has contributed towards the purchase of 11 iPads at Wyedean School in Sedbury, Gloucestershire, to help pupils learn STEM (Science, Technology, Engineering and Maths) subjects in the classroom.

Wyedean School applied to Horizon for funding to purchase a set of iPads which provide a vital teaching aid and enhance interest in STEM subjects.

Predominantly used by the PE, psychology and science departments, the iPads have already been put to use by the pupils, who have done everything from filming their science experiments in slow motion to posting videos on the school's [YouTube channel](#).

In addition, the sixth form students have been able to use specialist science software to enhance their studies and improve their research.

The iPads are available to all teachers and pupils across the school and are making learning a more fun and interactive experience.

Co-ordinating teacher at Wyedean School, Stuart Motson, commented: *"The iPads have made a tremendous difference to STEM learning, as the range of activities available is now much larger and the incredible camera allows us to create pin-sharp images. We can use the iPads with small groups and encourage individual research or, we can help students to adopt specific roles in a task, such as 'recorder' or 'researcher'.*

"Students love taking films and photos of themselves, and weaving these images into presentations and self-made movies. Whole class learning can be checked easily and in a fun way with web based quizzes like Kahoot! Meanwhile, online simulations allow us to show and explain abstract ideas like mitosis or complex chemical mechanisms and then review them.

"Thanks to Horizon's donation, we can carry on the good work and enable more students to become engaged in STEM using technology we simply wouldn't have had access to without their help."



ENVIRONMENT

EDUCATION AND SKILLS

COMMUNITIES

