

Focus on STEM

At Hardenhuish we value STEM (Science, Technology, Engineering, and Maths) subjects and encourage students to consider them as potential career avenues in the future.

This week in our annual STEM day year 8 students have spent time circulating through each of the subjects to look at different aspects improving the societies consumption and dependency on plastic.

Next week will see the start of STEM week in which students will be given STEM based puzzles, problems and competitions as well as encouraged to look up notable role models from STEM disciplines.

Within each department we are constantly working to support students in STEM subjects. Recently in:

Science

- We are proud of a number of our sixth form students who have initiated a science support KS4 workshop on a Tuesday lunch time for students in younger years.
- Mr Evans has kick started science club this term for year 7s on a Tuesday afterschool. This week they will be dissecting Fish.
- STEM club is due to start this start this week on a Thursday for year 8 students in which they will work on a 10 hour project to address real world problems from a STEM perspective.
- After Christmas some of our Sixth form Physics students will have the chance to go to CERN to take a tour of the Large Hadron Collider.



Maths

- Maths was thrilled to see so many students perform so well in the Maths challenge award. Five students were awarded gold, 10 students – Silver and 23 students – Bronze.
- Maths also ran a trip to Bath race course for year 8 students to introduce them to some of the Maths that is involved in Horse racing.
- The Maths department are always running a selection of lunchtime clubs from Chess club to Rubik's club.



ICT

- ICT were excited to receive the CyberFirst silver award for Hardenhuish.
- ICT continue to run competitions for students to test their programming and cyber awareness. In the upcoming weeks year 8 girls will get a chance to enter CyberFirst Girls competition, Y11-13 students will be able to take part in a Cyber Security competition and the U.K Bebras competition will be offered to a selection of year groups.
- If students are looking for more ways to get involved ICT continue to run Minecraft club and IT club in school at lunchtime.



Technology

- It was great to see year 10 students take part in a Dyson workshop dedicated to innovative air purification systems. Students were tasked to think about what we can do to improve air quality in different contexts.
- Employers from Dyson are also coming back later in the year to work with Sixth form students on aspects of Robotics.
- The food technology team enjoyed hosting the annual Hardenhuish Bake off.
- Design Ventura will also be running again this year with students from years 9,10 and 11 where they develop their ability to work and think creatively to design a new product for the Design Museum.

