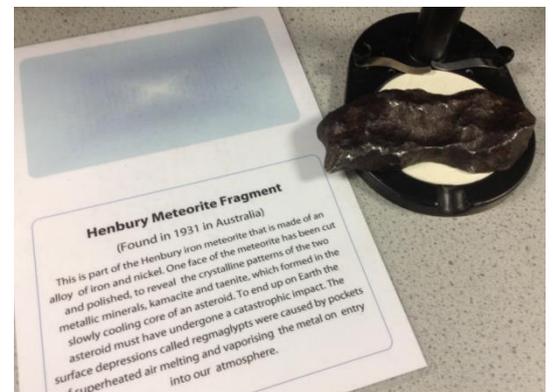


Moon Rocks

In the week before half term the Science Department ran lunchtime sessions offering students to the chance to have hands on experience with rare samples of moon rocks and a collection of meteorites. Students examined hand-sized meteorites along with a 1.2 billion year old piece of Mars and a 4.3 billion year old nickel meteorite. Our solar system is only 4.6 billion years old! The lunar samples were been loaned to us by the Science and Technology Facilities Council and were collected in the 1960s and 1970s during some of the first NASA manned missions to the Moon.



“I’m an Engineer” and Science Club

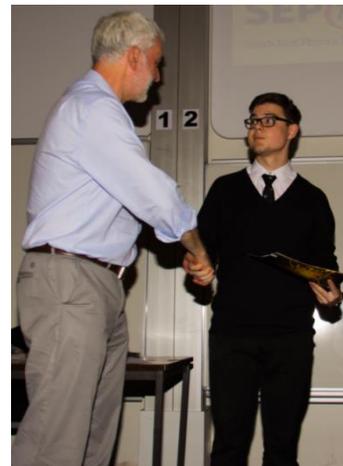
The whole of Year 7 took part in “I’m an Engineer, Get me out of Here!” after their summer science exams. It was an online event where you get to meet and interact with real engineers. The students were able to submit questions to Water and Health Engineers which the engineers tried to answer by the next day. Each class also had the opportunity to have live online text-based chats with engineers.

One of our students, **Erika Abano** was a winner in the National Competition for the best question chosen by moderators and engineers. Here she is with her certificate, prize and other members of Science Club, which she has attended all year. They had just completed dissection of hearts and eyes! We have had a visit by an engineer this year and completed lots of experiments such as looking at non-newtonian fluids, designing parachutes, helicopters and bridges, and investigating volcanoes. Science club will start again in September.



Schools Physicist of the Year

On Monday July 4th two of our students: Beatriz De Carvalho (Year 10) and Patryk Hermann (Year 12) attended an awards ceremony at Queen Mary’s University. They were nominated by their teachers for Schools Physicist of the Year due to their work ethics, positive attitude and talent in the subject witnessed this year. We watched a talk about “Back to the Future – is Levitation possible?” and we agreed by the end that it already is by magnetic levitation!



Biology challenge

Earlier this year almost 50 Year 10 students volunteered to participate in the Biology Challenge (Junior Biology Olympiad). Students sat two 30 minute papers online under exam conditions as part of a national competition for schools endorsed by the Royal Society of Biology. Questions for the papers were set on the topics covered in most general biology courses for pupils of this age but the Biology Challenge also rewards those students whose knowledge of the subject has been increased by reading books and magazines, watching natural history programmes and taking notice of the news for items of biological interest. The majority of Wiseman students achieved Commendation, High Commendation or Bronze award. Well done to Alexandria Batchelor, Beatriz De Carvalho, Jakub Klos, Kamila Kurcewicz, Kian Osmond and Natalia Rodriguez who achieved silver awards!

The West London Science and Technology Challenge Day

We took a team of 12 of our top Year 8 Scientists to West Thames College on Friday 8th July for a range of activities including:

- Robotics – They were asked to build and program a robot to navigate a series of obstacles.
- E-FIT – They were asked to use police software to create an image of a 'criminal'.
- Vehicle – They were asked to design, build and then race a simple electric vehicle.

At the end of the day the students were able to ask questions to current university students. Two of our team, Harry Cooper and Ella De Feo-Mayers won the Robotics round which is a fantastic achievement!

