



DYLAN PURI

STEM STUDENT

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ABOUT

A GCSE student studying all mandatory subjects plus Design and Technology, Computer Science, Triple Sciences, Further Maths, Higher Spanish and Geography. I have experience working both digitally and physically in a team environment.

EDUCATION

Oldfield Primary School, Maidenhead

2006 - 2014

Level 6s in the SATs.

John Hampden Grammar School, High Wycombe

July 2014 - Present day

Averaging 8s and 9s in GCSE subjects.

SKILLS



Can program in Python and Web languages to run physics simulations both in the back-end and visually.



Proficient in Mathematics and its applications in the Sciences.



Trained in Martial Arts from age 4. Have attained 2nd Dan Black Belt and now tutor children..



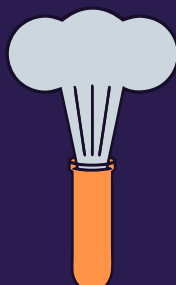
Can drive a manual geared car (though currently underage). Made Admiral's Young Driver of the Year Final in 2016.

EXPERIENCE/ VOLUNTEERING



Has volunteered in my local library as a Junior Events Coordinator, helping young children to accomplish reading goals and managing their accounts on the online system.

I am now working as a leader of a Lego Robotics club at said library, teaching children to build simple robots and code what goes on behind the scenes to create movement and sound. This is using Lego's Mindstorms® coding environment.



I also help run my school's Lower Years' Science Club. This involves preparing work rotas, managing time schedules and making sure lab equipment is available in advance. My year group peers and I manage the club members and explain the Physics, Chemistry and Biology principles behind the practicals they are doing. This is a significant but very rewarding commitment for me as it has fuelled my interests in the sciences, particularly Physics and its subsidiaries.

ACHIEVEMENTS /AWARDS

Junior Colours

Spring 2017

Earned for being a Leader of Excellence for the Science Department and assisting and leading in the aforementioned Science Club.

Physics Excellence

Summer 2017

Earned for excellent performance in Physics both throughout the year and in the end-of-year examinations.

Leadership

Summer 2017

Given for showing good leadership skills both within the form group and in the wider school community. Mainly for putting myself up for things like Student Council and inter-form activities.

Junior Honours

Spring 2018

Given for contributing a further year in the lower school Science Club. Results in an Honours Tie and Headmaster's Commendation.

Academic Excellence

Summer 2018

I was awarded one of 5 Academic Excellence awards available to my year for showing consistent Academic Excellence across all subjects that I was studying.

High Achievers

2017

Was asked to join my school's High Achievers program based on grades, Attitude-to-Learning marks and teacher reports. This consisted of lateral thinking exams, logic tests and visits from Oxbridge alumni.

Project M

April 2017

Collaborated with my Chemistry Department in conjunction with Diamond Laboratories to make research samples of calcium carbonate which were then analysed using x-ray spectroscopy. The structural results were published in a scientific paper with all the participants' names attributed. Learn more

at: <https://www.diamond.ac.uk/Projects/ProjectM/>

English Excellence

Autumn 2017

Given to me for my overall performance and dedication throughout the year, also for attitude to learning.

Year 10 British Physics Olympiad

May 2018

I took part in the British Physics Olympiad 2018 for Year 10s and received a Silver Award. The questions posed were based both from our standard curriculum, extended A-Level curriculum and also general Physics and Engineering knowledge.

Public Speaking

General

On numerous occasions I have done public speaking: in the form of debates within the school for inter-form competitions; school parent open evenings where I have to converse with and answer the prudent questions of many parents at a time; many student voice and council meetings; mock trial and court proceedings cases; and school governor report meetings.