

# LEVEL 2 ACCESS SCIENCE

**ABOUT THE SCHOOL**

The School of Applied Science prepares future scientists, technicians and researchers by allowing them to develop their theoretical and practical knowledge in various branches of science. Students can conduct experiments and gain practical skills in cutting-edge laboratories

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**Meet the team**

**Ryan Grant**

Head of Applied Science <https://drive.google.com/open?id=1se_RI7bA5Y6_NdaZqndJOgn54YCCjtHd>

**Andy West**

Deputy Head of Applied Science [Andy Intro](https://drive.google.com/open?id=1z4sq52QFdeSgW2p1UNhJPYkU9MbHEBOS)

**Nikki Cookson** Programme Manager Nikki Cookson

**Emily Homer** Programme Manager [Emily Homer](https://drive.google.com/file/d/1SStcqE4YoEWEi9TfZqHdSgT0RvI4Jn9w/view?usp=sharing)

**Harrison Garside**

Course Leader

**Wendy Goodall** Coaching Tutor [Wendy Goodall](https://drive.google.com/open?id=1hFuPt9q8bl1he6VucGkkkEtXTTtJcWCt)

**Dawn Major**

Study Support Coach [Dawn Major](https://drive.google.com/open?id=1gIMUkHwUDVDVJHlZUQlY2NoxN3hsIQXu)

**Lynn Westcott**

Teacher

Lynn Westcott

**Mohammed Zeeshan**

Teacher

Mohammed Zeeshan

**Howard Newman**

Teacher

**Tahira Biba** Teacher [Tahira Bibi](https://drive.google.com/open?id=1r2ESQx7OxmPSbdjDe398G0IM1lrxHFnm)

**George Trifunovic**

Data and attendance coordinator



# Level 2 Access Science

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| --- | --- | --- |
| **Title** | ABC Award in Essential Skills in Science and Engineering | [L2 Access Video](https://drive.google.com/open?id=1Qun3edf6KXc23AviC4iBQecyAnVrZTlh) |
| **Progression / UCAS** | UCAS Careers Advice | [Ucas Careers Advic](https://www.ucas.com/careers-advice)e |
| **Work Experience** |  |  |
| **Study Skills** | Study Skills Slides | [Study Skills Slide](https://drive.google.com/open?id=17iShn_Zq5028302nO1zJ9RFRrosY_skNBLKhKrMQ3K4)s |

**Read**

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| **Title** | **Description** | **Link** |
| National Careers Advice | National Careers Advice | https://nationalcareers.service.gov.uk/ |
| A Short History of Everything by Bill Bryson | A general book about science to get people interested. | A [Short History of Everything by Bill Bryson](https://www.amazon.co.uk/dp/B0035OC7VI/ref%3Ddp-kindle-redirect?_encoding=UTF8&btkr=1) |
| Science News | The latest news from all areas of science | Science news magazine. | [Science News | The latest news from all areas o](https://www.sciencenews.org/)f science |
| Science News for Students | News from all fields of science for readers of any age | Science news specifically aimed at students. | [Science News for Students | News from all field](https://www.sciencenewsforstudents.org/)s [of science for readers of any age](https://www.sciencenewsforstudents.org/) |

**Listen**

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| --- | --- | --- |
| **Title** | **Description** | **Link** |
| Marcus Burton, Careers Adviser, National Careers Service | National Careers Service (19+ learners) - Introductory video | [https://docs.google.com/document/d/ 1jiSV9qYZkLT4evupm5jc9L\_yIlkxZv\_](https://docs.google.com/document/d/1jiSV9qYZkLT4evupm5jc9L_yIlkxZv_iTnmLhsda3Sg/edit?usp=sharing) |
| [usp=sharing](https://docs.google.com/document/d/1jiSV9qYZkLT4evupm5jc9L_yIlkxZv_iTnmLhsda3Sg/edit?usp=sharing) |
| BBC Radio 4 - The Infinite Monkey Cage - [Downloads](https://www.bbc.co.uk/programmes/b00snr0w/episodes/downloads) | Lots of science based podcasts that cover a wide [range of topics.](https://www.bbc.co.uk/programmes/b00snr0w/episodes/downloads) | [BBC Radio 4 - The Infinite Monkey C](https://www.bbc.co.uk/programmes/b00snr0w/episodes/downloads) |
| [Science Podcasts](https://www.bbc.co.uk/programmes/b00snr0w/episodes/downloads) | [Podcasts from the website Science.](https://www.bbc.co.uk/programmes/b00snr0w/episodes/downloads) | [Science Podcasts](https://www.sciencemag.org/podcasts) |

Nature Podcast Science podcasts. [Nature Podcast](https://www.nature.com/nature/articles?type=nature-podcast)



# Watch

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| **Title** | **Description** | **Link** |
| Virtual Climb | Something Different! - VIrtual Climb! - Can you handle it? | [Virtual Climbing Vide](https://www.youtube.com/watch?v=FRGF77fBAeM&t=318s)o |
| To scale: The solar system | An award winning science demonstration in which a group of scientists go to the desert to show just how much space you need to make a scale model of the solar system | https[://www](http://www.youtube.com/watch?v=zR3Igc3Rhfg).yo[utube.com/watch?v=zR3Igc3Rhfg](http://www.youtube.com/watch?v=zR3Igc3Rhfg) |
| National Geographic 360 | Youtube videos to explore places in 360. Use your phone or mouse to look around! | https[://www](http://www.youtube.com/playlist).yo[utube.com/playlist?](http://www.youtube.com/playlist) list=PLivjPDlt6ApRq22sn082ZCC9893XtV8xc |
| Kurzgesagt – In a Nutshell | Youtube videos make science more beautiful and interesting. | https[://www](http://www.youtube.com/user/Kurzgesagt/about).yo[utube.com/user/Kurzgesagt/about](http://www.youtube.com/user/Kurzgesagt/about) |
| CrashCourse (lots of videos within their page) | Lots of YoutTube videos, similar to above but with different curriculum areas and subjects. | [CrashCourse](https://www.youtube.com/watch?v=zR3Igc3Rhfg) |
| SciShow | Lots of YoutTube videos, similar to above but with different curriculum areas and subjects. | [SciShow](https://www.youtube.com/user/scishow) |

**Get Involved**

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| **Title** | **Description** | **Link** |
| Melting Ice experiment | Try this simple experiment at home! Take two icecubes, place one on a plastic surface and one on a metal surface. Feel the surfaces before you begin and predict which surface will melt the ice cube the fastest. You may be surprised! | [https://drive.google.com](https://drive.google.com/open?id=1gTo0DEnnDQL4qec9QWwyKeXL2APT-ncM2n1-kgBUlOI)/ i[odp=e1ng?To0DEnnDQL4qe](https://drive.google.com/open?id=1gTo0DEnnDQL4qec9QWwyKeXL2APT-ncM2n1-kgBUlOI)c9QWw [yKeXL2APT-ncM2n1-kgBUlOI](https://drive.google.com/open?id=1gTo0DEnnDQL4qec9QWwyKeXL2APT-ncM2n1-kgBUlOI) |
| How to Make a Pinhole Camera for Viewing the Solar Eclipse | Viewing Solar Eclipse events are a great family activity with one major precaution: never stare directly at the sun. Staring directly at the sun can cause damage to your eyes. The perfect way to safely view Solar Eclipse is through a pinhole camera. This is a quick project you can make in less than 10 minutes with materials you have around the house | [https://docs.google.com/](https://docs.google.com/document/d/16JTMTELL3GcKXKyQ9RXyC_7RbanjoCDFJYtDAkA3yak/edit) document/d/ 16JTMTELL3GcKXKyQ9RXyC  \_7RbanjoCDFJYtDAkA3yak/ edit |
| Marvel Superhero Quiz | Link to a quiz aimed at L2 Access Engineers. Take the quiz to discover your Engineering Superpower. Then read on to learn about real life Engineering heroes. | [https://docs.google.com/](https://docs.google.com/document/d/1FLkXSSQzqY3HCvVUI9PB9wK_GnxFJdJ4oc9q0bXAaCA/edit) document/d/ [1FLkXSSQzqY3HCvVUI9PB9](https://docs.google.com/document/d/1FLkXSSQzqY3HCvVUI9PB9wK_GnxFJdJ4oc9q0bXAaCA/edit)  [wK\_GnxFJdJ4oc9q0bXAaCA/](https://docs.google.com/document/d/1FLkXSSQzqY3HCvVUI9PB9wK_GnxFJdJ4oc9q0bXAaCA/edit) edit |
| Interactives . The The Rock Cycle . Introduction | A short online course that teaches about the rock cycle, rock types and processes and has a short quiz/test at the end. | [Interactives . The The Rock](https://www.learner.org/wp-content/interactive/rockcycle/index.html) Cycle . Introduction |
| Science competitions | Competititons that students can join with the country from their homes. | [Science competitions](https://www.see-science.co.uk/whats-on/competitions/) |
| Science Puzzles | A puzzle maker that can be adapted to show subject specific terms or facts about the college. Easily added to the instagram stories to increase engagement. | [Welcome to Discovery](http://puzzlemaker.discoveryeducation.com/) [Education's Puzzlemaker!](http://puzzlemaker.discoveryeducation.com/) Create crossword puzzles, word searches, mazes, and other puzzles for your classroom today! |