

# Schools Outreach

Widening access to  
higher education  
with Manchester  
Metropolitan  
University





# Schools Outreach 2017-18



**We look forward  
to working with  
you in the future.**

**Manchester Metropolitan University offers a range of activities for learners in Primary, Secondary and Post-16 education. Our programme for 2017-18 offers schools and colleges a wide range of activities to inform and raise awareness of the opportunities in HE and studying at Manchester Metropolitan University.**

The Widening Participation Team work with targeted learners from Primary and Secondary schools across Greater Manchester to raise the aspirations of young people through a variety of events and activities.

The Education Liaison Team maintains strong relationships with our feeder schools and colleges. We offer an extensive programme of pre-entry activities, which are designed to inform and raise awareness of the opportunities in Higher Education and studying at Manchester Metropolitan University.

# Overview of our activities 2017-2018

## Pre-16

### Visits and activities for Primary, Year 4-6

- Primary Festival 2018

### Curriculum Enrichment for Primary, Year 4-6

- Art and Design – Creative Support for Schools
- Computing, Mathematics and Digital Technology
- Tomography for Biomedical Research
- Science and the Environment
- Environmental and Sustainability Education
- Ed Lab: Mixing Disciplines and Science Poetry.

### Greater Manchester Higher Collaborative Network

- Year 7–11
- Campus activities
- School activities
- Events for Targeted Learners
- Teachers, Advisors and Key Influencers events

### Curriculum Enrichment events for Year 7-11

#### Manchester Campus

- Business and Enterprise
- Humanities, Languages and Social Sciences
- Social Care and Social Work
- Science and Engineering
- Ed Lab: Summer Projects
- Healthcare Sciences
- Forensic Science
- Science and Environment
- The Centre of Aviation, Transport and the Environment
- Computing, Mathematics and Digital Technology
- Art and Design
- Ed Lab: Undercover Coding



## Post-16 Schools and Colleges Activities

Events and Activities for Post-16 Learners  
Activities for Teachers and Advisors

# Visits and activities for Primary, Year 4-6.

## Primary Festival

**The Primary Festival will take place in June 2018 and is a unique opportunity for pupils in Year 4-6 to sample a day in the life of a university student.**

**Pupils will have the opportunity to learn more about higher education with student ambassadors who will come to school to talk about higher education. Their knowledge and understanding is developed further with a visit to the university and a graduation.**

**PRE WORKSHOP:** Before every campus visit to Manchester Metropolitan University, student ambassadors will come to school to deliver a one and a half hour workshop as an introduction to 'University' covering such topics as; courses, what student life is like, what a university campus is like and what to expect.

**MEET THE STUDENTS:** Meet and interview current Manchester Metropolitan University students about their courses, their experience at university and their backgrounds.

**CAMPUS TOUR:** Take a tour of Manchester Metropolitan University's All Saints Campus, led by student ambassadors, to find out lots of interesting facts and have the opportunity to ask questions along the way. Pupils will see where the students live, where they learn and study and where they socialise around campus.

**The visits can each be  
half day (10.00am–12pm)  
or 12.30pm–2.30pm)  
or a full day 10.00am–2.30pm.**

**For dates in 2018, please contact  
schoolsoutreach@mmu.ac.uk**



# Curriculum Enrichment for Primary Year 4-6

## Art and Design

### **Creative Support for Schools**

Suitable for Year 1–6

Do you have ideas for Creative projects for your school but no time or resources to implement them? Would you like to offer a wider scope of creative opportunities in the classroom but don't know where to start? Would you like to offer extracurricular art/design clubs but don't have the staffing?

At the School of Art we can help you provide more opportunities for your pupils in your school. We can provide:

- contact with artists and practitioners for artist-in-residence opportunities for your school
- experienced graduate practitioners to run specific creative projects
- undergraduate mentors to help with in-school projects or extra-curricular clubs or activities
- professional development opportunities for teachers
- help, advice and support... just ask us!

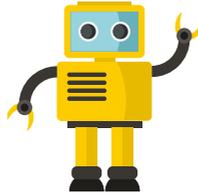


Please contact Clare Knox-Bentham to discuss your needs and how Manchester School of Art can support you  
**[c.knox-bentham@mmu.ac.uk](mailto:c.knox-bentham@mmu.ac.uk)**

## Computing, Mathematics and Digital Technology

### Fun with Robots

Suitable for pupils in Year 5 or 6  
There will be an introduction, for pupils, to the schools' robotic dog AIBO and the Nao robot. The talk will show pupils what robots can do. There will also be discussions about the future of robotics and examples of how mathematics is heavily involved.



### Tomography for Biomedical Research

Suitable for pupils in Year 1-6  
The workshop will explore the topic of 'tomography' and a number of topics will be covered during the session including X-rays, tomography, biomaterials and regenerative medicine. The pupils will have a chance to do a hands-on activity whilst learning more about the wonders of the human body.

**This workshop can accommodate a max of 20 pupils.**

For further information, please contact [schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)



## Science and Environment

### My neighbourhood, my space

Suitable for pupils in Year 5 or 6

The workshop will begin with a brief introduction to the importance of public space in everyday lives, not least public space in local neighbourhoods.

Working in small groups, learners will be encouraged to think about their own neighbourhood and how they use spaces in their local area. Large scale maps will be provided and learners will be asked to mark places they like and use and places they dislike and avoid.

At the end of the sessions, learners will be asked to consider the extent to which young people are permitted to use public spaces freely in their neighbourhood and examples from other neighbourhoods will be presented to allow comparison.

### Streamwatch

Suitable for pupils in Year 5 or 6

Streamwatch kits are for chemical analysis using simple analytical test kits which can be taken into the field to measure parameters such as pH, nitrate, dissolved oxygen, hardness, turbidity and temperature and thus provide information on the health of local streams and ponds.

The kits can be brought in to school by Manchester Metropolitan University Students and can be borrowed by schools to make measurements.

For further information, please contact [schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)

## Environmental and Sustainability Education

### Feel it, Smell it, Find it

Suitable for pupils in Year 4-6  
Experience the outdoors right in the centre of Hulme at Manchester Metropolitan University's Manchester Campus – Birley. Students are transported right into the natural environment during their visit, learning about wildlife, habitats, biodiversity and plants – including culinary herbs and fruits.

Manchester Metropolitan University's student ambassadors will deliver fun and interactive activities to groups of primary children which utilise the fantastic environmental features at the campus.

The activity will depend upon the time of year – ranging from pond dipping, tree measuring, minibeast searches, smell and identify plant searches and orchard discovery!

A great opportunity to get out of the classroom and experience how learning can happen through new outdoor experiences.

What local primary school children say:

*“When we went to the pond and discovered animals that Year 5 didn't know all about, it was great! Incredible!”*

– Year 5 pupil

The activities achieve a range of outdoor and environmental education goals including gaining a variety of experiences in and a basic understanding of the environment.

Each activity is suitable for groups of 10 children.



For further information, please contact **[schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)**





## Ed Lab

### Mixing Disciplines with Science Poetry

(Y5 to Y6 – Manchester Campus)

Pupils often label themselves, or are labelled, as either artistic and creative, or scientific. In this workshop we merge two often distinct disciplines into one activity which enables pupils to explore them in a new way. It opens pupils up to the concept that both poetry and science are ways of describing the world, and that neither one is necessarily better than the other.

Specifically, the session offers primary school pupils the chance to question the differences, and explore the similarities, between science and poetry through practical experiments and poetic



performance. This session is inclusive and engaging and can be delivered on site or in school.

For further details or to ask any questions about how we could work together, please contact **[edlab@mmu.ac.uk](mailto:edlab@mmu.ac.uk)**

# Greater Manchester Higher



**Greater Manchester Higher is a partnership of all higher education providers in the region. Its aim is to promote Higher Education in an impartial manner. A range of activities are provided for learners for Years 8 to 13 to increase awareness of all pathways into Higher Education and informed decisions. Greater Manchester Higher offers a range of activities for schools in the region.**

To book a place, or for further information about Choices Days and Campus Visits, please visit: **[www.gmhigher.ac.uk](http://www.gmhigher.ac.uk)**



## Campus activities

### **Year 8/9 Choices Days**

A one day event is designed to give Year 8 or Year 9 learners the opportunity to reflect on their options in advance of choosing their GCSEs. The event includes a workshop, campus tour and the opportunity to speak with current undergraduates.

### **Year 10 Campus Visits**

These visits provide learners with the opportunity to visit a university campus and gain an insight into student life and the range of courses available. The visit will consist of a University Uncovered workshop, focusing on the differences between school and higher education and student finance, followed by a campus tour. The visit will also introduce pupils to the Students Union and showcase the impact it has on student life. Throughout the visit, pupils will work closely with current students from across the partnership to obtain first-hand information about studying at a higher level.

These events all follow the same format and are hosted at one of the universities in the partnership (University of Bolton, The University of Manchester, Manchester Metropolitan University, University of Salford).

## School activities

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### **Support for IAG events:**

Greater Manchester Higher is able to support Information Advice and Guidance (IAG) events in schools. Examples of events we can attend include:

- Parents' evenings
- Careers fairs
- Options evenings

Our Outreach Advisors and Student Ambassadors can attend your event with a Greater Manchester Higher

stand. We provide impartial advice on pathways into Higher Education and learner choices.

### **Presentations and workshops:**

A representative from the programme can visit your school and deliver the following presentations:

- Student Life (delivered by current students)
- Year 8/9 Choices
- Year 10/11 Choices
- Higher Education: Research and choices
- Revision Skills



### Star Student game:

Star Student is a large board game that introduces Year 8 and 9 students to university and higher education through an exciting team activity. Human counters move around the board as each team answers a series of questions. Answers are given through mime, drawing, multiple choice questions and spelling, so there's something for everyone. This can be delivered to a maximum of 28 learners and takes around an hour to complete. The game will be delivered in schools by our student ambassadors, who will also talk about their university experience.

For more information or to request our attendance at an event please visit: [www.gmhigher.ac.uk](http://www.gmhigher.ac.uk)

### Events for Targeted Learners

Greater Manchester Higher supports under-represented groups in higher education, particularly young people from care and disabled students. Over the past few years the partnership has developed an exciting programme of activities to engage with these target groups (see examples). Please visit [www.gmhigher.ac.uk](http://www.gmhigher.ac.uk) for more information or to discuss an idea for work with a specific group of learners.

Below are some examples but please see: [www.gmhigher.ac.uk](http://www.gmhigher.ac.uk) for the full programme of events with targeted learners.

#### Success4Life project for care-experienced young people

This programme brings together looked-after young people from Year 8 and 9 to take part in interactive sessions that will develop their confidence and key skills, and raise their awareness of higher education. The sessions end with a graduation to mark the students' success. A 10 week programme is delivered at The University of Manchester. We can also deliver an abridged 5 week version of Success4Life at a remote location.

#### Visit Days for Disabled Learners

As well as providing an introduction to higher education, these visits will cover all types of support available for disabled students. Attendees will also hear from disabled students currently at university who will talk about their experiences.



## Teachers, Advisors and Key Influencers

### Teacher and Advisor CPD

The Greater Manchester Higher team is able to support CPD sessions for teachers and advisors who work with pre-16 learners.

Topics that can be covered include:

- Progression Pathways
- Understanding Change and Reform in Higher Education
- A Beginners' Guide to UCAS
- Student Finance

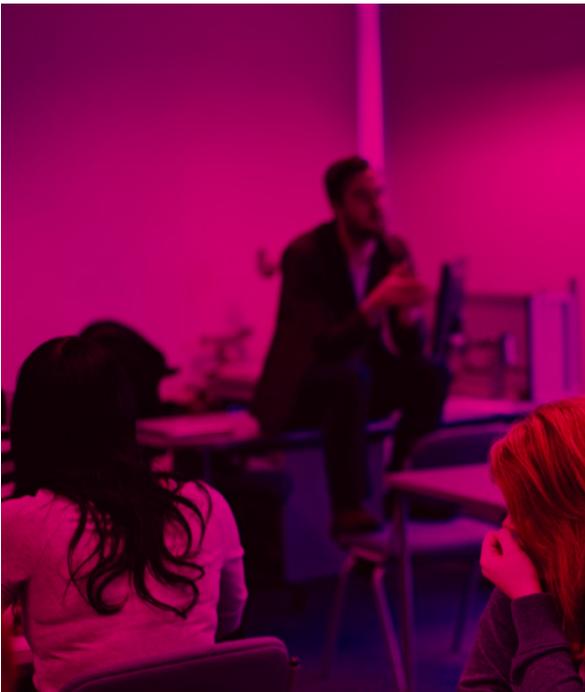


### Key Influencers

We also offer a range of events and presentations for key influencers of targeted learners (such as teachers, designated teachers, advisors, social workers and foster carers). These sessions explore how best to support learners from target groups and an opportunity to network with professionals across the region.

All of the above sessions can be delivered in school/the local authority or on campus, either as standalone activities or as part of a training session. Content can be tailored to suit the particular needs and interests of the audience.

For more information about these activities please visit: [www.gmhigher.ac.uk](http://www.gmhigher.ac.uk)



# Manchester Campus Curriculum events for Year 7-11

## Business Enterprise

The Enterprise days at Manchester Metropolitan University are delivered in partnership with Young Enterprise Northwest and are most suitable for pupils in Year 9 and 10.

The day aims to encourage and help pupils realise the benefits of team building, working with others and skills for working life. A variety of themes are available, based on different industries. In the case of Manchester Metropolitan University, pupils will design their own business.

The day will involve pupils being separated into small teams and set challenges such as; securing a bank loan for their business, buying materials to make their chosen product and designing a marketing strategy to promote their business. All Industry Masterclasses begin with team building games designed to engage pupils and encourage competitive frames of mind, as well as making pupils feel comfortable and positive about the tasks ahead. Throughout the day learners are encouraged to work as a team and practice their communication skills and ultimately to enjoy the challenges set up for them. Whilst pupils are working in groups, trained student ambassadors help to facilitate.



Dates and booking information are available through [schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)

## Humanities, Languages and Social Sciences

### Comic SMART Sessions

Suitable for Years 7-11

The workshops are delivered by our student ambassadors and are designed to motivate struggling and reluctant readers and writers who are at risk of underachieving at GCSE by improving their writing skills through the use of the superhero genre. Student ambassadors will visit your school to work with small groups of up to 10 pupils. They will explore how to use comics to develop characterisation, story planning, setting descriptions, spelling, punctuation, grammar and vocabulary.

### Homework Club at the Moss Side Powerhouse Library

From September 2017 our humanities ambassadors will be hosting a homework club at the Powerhouse in Moss Side. The club will run on Tuesdays and Thursdays between 4.30pm and 6.30-pm.

Pupils in Year 7 to 11 are welcome to bring along any revision, projects or other homework to the sessions to receive one-to-one assistance free of charge. Students will have access to computers and printers. Please contact us, if you would like a poster for your classroom or library to promote this opportunity to your pupils.

To find out more or to book a talk, please email [hlsschools@mmu.ac.uk](mailto:hlsschools@mmu.ac.uk)

### Human Rights Workshops

Suitable for Years 7-11

Cross-curricular workshops designed to raise awareness about human rights issues around the world. The workshops will be delivered by student ambassadors either here at the university or at your school and feed into areas such as pupil voice, PSHE, Citizenship and all humanities subjects.

For further information and to book:

[hlsschools@mmu.ac.uk](mailto:hlsschools@mmu.ac.uk)  
or visit [www2.mmu.ac.uk/hlss/schools-liaison/events/](http://www2.mmu.ac.uk/hlss/schools-liaison/events/)

### Making Foreign Languages an Option

Suitable for Year 8 and 9 pupils

These days have run for several years and make use of the specifically designed interactive resources. The day usually includes 4 languages; French, Italian, Spanish and German, and pupils have a development session in a language they already study, plus a taster in a new language.

The days are delivered by current Manchester Metropolitan University students who are either studying the language at the university or are native speakers. They are therefore able to talk to the pupils about the benefits of continuing to study a language, what they do on their course (including studying abroad) and the career prospects for speakers of other languages.

The days are designed to be taken by pupils before they take their GCSE options so are targeted at Year 8 and 9 pupils. Due to the popularity of these days, group sizes are restricted to a maximum of 25 pupils per school.

For further information and to book please contact

[schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)



## Social Care and Social Work

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### Thinking of Social Care?

Suitable for Year 10-11

An opportunity to have a taster session in several areas of Social Care with an academic from the Department of Social Care and Social Work. Areas of interest linked to the curriculum that can be covered are:

- Criminal Justice
- Criminal Poverty
- Representing Vulnerable Groups
- Digital Communications

These popular workshops are ideal for pupils looking to pursue a career in this area. Workshops can take place in school or at the Birley Campus in Manchester.

For more information regarding the workshops please contact Clive McGoun on [c.mcgoun@mmu.ac.uk](mailto:c.mcgoun@mmu.ac.uk) or [schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk) for booking.

## Science and Engineering

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### Clean Energy and Hydrogen Fuel Cell Systems

Suitable for Year 10-11

This session aims at introducing pupils to the science of clean and renewable energy which is a great concern for today's world. Solar, wind and fuel cells are the best available options to secure such clean and non-depleted energy.

This session starts by an overview of conventional energy systems with a focus on their negative effects on environment. Consequently, wind and solar based renewable energy systems will be introduced and tested via practical activities. Finally, hydrogen generated by solar energy will be fed into a fuel cell which generates sufficient electricity to drive everyday electrical and electronic devices.

- Introduction to conventional energy systems
- Practical session on photovoltaic solar to electrical energy converter
- Demonstration on small scale fuel cell power system

## Fuelling the Future: Hydrogen Fuels

Suitable for Year 9-11

Hydrogen fuel cells, a relatively new technology can produce clean, non-polluting energy in a highly efficient manner. However, in order for us to use hydrogen fuels in our everyday lives, we must first look at the pros, cons, and implications of moving away from fossil fuels and investing in hydrogen from multiple viewpoints of society. In this day-long event, students will participate in a 'Dragons Den' type activity centred around the decision making process of when an energy company seeks permission to build a new hydrogen fuel cell power plant in their town.

- Introduction to hydrogen fuel cells, a renewable, green energy source
- Considerations of the current state of energy including fossil fuels

Consider the wider impact science and engineering has on society and the challenges and decisions that must be made to take science from the lab to market.

Min 30 pupils (from one or multiple schools).

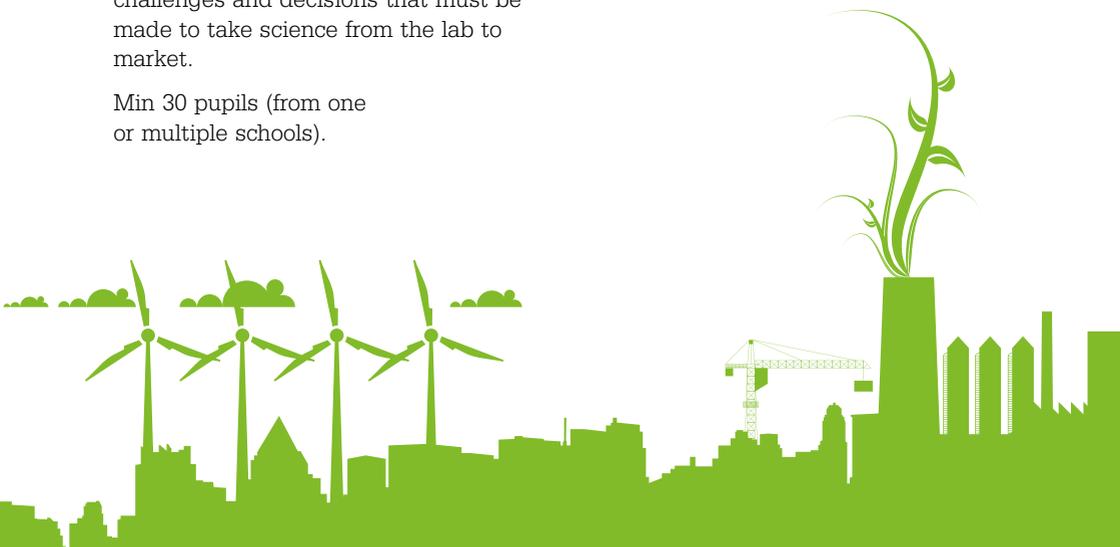
## Introduction to Engineering and Technology

Suitable for Year 9-11

The introduction to Engineering enables learners to develop an understanding of electrical and mechanical engineering through practical tasks and problem solving challenges.

The session involves programming a microcontroller to respond to inputs and provide feedback to a user. Microcontrollers are used everywhere in modern day living from washing machines to cars. After the first session learners will be asked to design a support structure for an oil rig at the lowest cost but with the structural functionality required. This problem solving part of the session is set as a challenge for learners. Please note, this session can accommodate a max number of 25 learners.

For further information or to book, please contact [schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)





## Healthcare Sciences

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### DNA, Humans and Genetics

Suitable for Year 7-11

The taster session in Healthcare Science covers a series of topics relating to human genetics and molecular genetics. Topics can be tailored to suit individual requirements.

## Forensic Science

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### Crime Scene Investigation Taster Sessions

Suitable for Year 7-11

Want to know what it's really like to be a crime scene examiner?

Crime scene taster sessions are available at your school or in our purpose-built crime scene flat on the All Saints Campus. The content of the sessions is flexible and is designed to fit in with any specific learning requirements, age of the pupils and group size. Activities usually involve small group work doing a selection of "hands-on" practical activities which focus on different aspects of forensic

science and crime scene investigation.

Examples include:

- Blood analysis – Discover how useful blood stains at a crime scene can be, carry out colour change tests to identify blood, use microscopy to look at red and white blood cells
- Crime scene flat – Dress as a crime scene examiner and investigate a scenario in our very own crime scene flat!
- Hair and fibre analysis – Use microscopy to examine human and animal hairs, collect and examine fibres from suspect clothing
- Handwriting – Learn to recognise different handwriting styles, analyse the composition of writing inks using chromatography
- Fingerprints – Discover the uniqueness of fingerprints, take your own set of fingerprints, learn how and why different fingerprints powders are used, compare suspect prints to a database
- Footwear marks – See how individual footwear marks can be, compare suspect and crime scene footwear marks

For further information please contact **[schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)**

## Science and Environment

### My neighbourhood, my space

Suitable for Year 7-8

The workshop will begin with a brief introduction to the importance of public space in everyday lives, not least public space in local neighbourhoods.

Working in small groups, learners will be encouraged to think about their own neighbourhood and how they use spaces in their local area. Large scale maps will be provided and learners will be asked to mark places they like and use and places they dislike and avoid.

At the end of the sessions, learners will be asked to consider the extent to which young people are permitted to use public spaces freely in their neighbourhood and examples from other neighbourhoods will be presented to allow comparison.

Please note, this session can accommodate a max number of 25 learners.

For further information or to book, please contact [schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)

### Streamwatch

Suitable for pupils in Year 7-11

Streamwatch kits are for chemical analysis using simple analytical test kits which can be taken into the field to measure parameters such as pH, nitrate, dissolved oxygen, hardness, turbidity and temperature and thus provide information on the health of local streams and ponds.

The kits can be brought in to school by Manchester Metropolitan University Students and can be borrowed by schools to make measurements.

### Chemquiz

Suitable for Year 8-11

The annual Greater Manchester Chemistry Quiz is delivered in the summer term and involves Chemistry practical activities and demonstrations, with an associated quiz. This activity is supported by the Royal Society of Chemistry (RSC).

More information can be found at:

<https://sites.google.com/site/chemquizmanchester/home>



## EdLab Summer Projects

### (Y10 / Y11 / Y12 – Manchester Campus)

EdLab is a Faculty of Education initiative which aims to support our students in devising, planning and implementing exciting educational projects which support our local community and take interesting experiences into schools and other settings. Each year, we extend the offer to students in local schools and colleges who may have ambitions (or interest) towards studying education at university.

Participants will visit the Manchester Met campus for four full days over the summer holidays to collaborate in devising and implementing a small scale educational project. Through this project, they will develop valuable experience to demonstrate their commitment to a career in education, and will network with staff from the Faculty of Education who will provide guidance and support in applying to the diverse range of courses available.

Places on the summer project are strictly limited – and participants apply directly to be involved. To be placed on the mailing list for further information, email [edlab@mmu.ac.uk](mailto:edlab@mmu.ac.uk) with the subject line “Summer Projects”.



## The Centre of Aviation, Transport and the Environment

### Sustainable Aviation Summer School (non- residential)

Suitable for Year 8-10

The Sustainable Aviation Summer School is a 2 day workshop which focuses on the following topics:

- The social and economic benefits of air travel, how aviation has changed the lives of people in Manchester over the past 50 years.
- The associated environment costs: climate change and noise pollution.
- The sustainability dilemma: Summer holiday destinations in the future.

The workshop consists of a mixture of presentations and class exercises.

The visit can include a trip to Manchester Airport on an optional 3rd day.

For further information, please contact [schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)



## Computing, Mathematics and Digital Technology

### Fun with Robots

Suitable for Year 7-12

Pupils will be introduced to the schools' robotic dog AIBO and the Nao robot. The talk will show pupils what robots can do – followed by discussions about the future of robotics and examples of how mathematics is heavily involved.

### Manchester Metropolitan University PopMaths Quiz

Suitable for Year 7-11

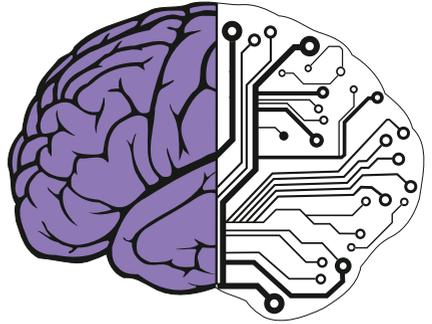
Using a pub quiz format that everyone can get involved in, our PopMaths quiz is designed for school children in Year 7-11 and will test students' knowledge and skills in mathematics, as well as how well they work together as a team, under timed conditions.

School teams take part in two different year groups, Year 7-9 and Year 10-11. Each team may have up to 6 students. There are 20 mathematical questions/problems to be solved, which will draw upon participants knowledge of algebra, statistics, probability and so on.

The quiz will be followed by fun activities which aim to give pupils, teachers and parents an insight into the fascinating world of mathematics and its applications.

This event will take place during the Faculty Science Week – late March.

For further information please contact **[schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)**



### Brain Inspired Computing

Suitable for Year 10-12

The average human brain consists of about 100 billion neurons connected by around a thousand trillion synapses – it is the most powerful computer known and yet only consumes about 25 Watts of power. Two mathematicians from Manchester Metropolitan University have invented a way to perform conventional computing using brain dynamics. The invention has potential applications in two scientific fields. In Computing, it could lead to the building of the world's most powerful supercomputer. In Biology, it could provide an assay (test circuit) for cell degradation to help with drug testing for neurological conditions such as Alzheimer's disease, Parkinson's disease and epilepsy.

This is a lecture which is an hour long and can accommodate up to 100 pupils.

The invention is simple to describe to school pupils and they will learn how brain cells (neurons) communicate with one another. This talk will demonstrate how mathematics has many applications in the real world.

For further information please contact **[schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)**

## Art and Design

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### Interrogate the Art School

Suitable for Year 7-11

A day for pupils to work with student Art & Design Mentors finding out what happens in the Manchester School of Art.

Working in teams and accompanied by an experienced undergraduate Art & Design Mentor, pupils explore the faculty, cross-examine our students and record what they see and hear. The information gathered is then curated into a team presentation. This opportunity encourages participants to identify information pertinent to them and offers the opportunity to explore and research.

Interrogation is undertaken during the morning session. Curation, selection and printing is completed over a working lunch, with final production and sharing of presentations in the afternoon.

This event is available on request.

For booking or more information please contact Clare Knox-Bentham

**c.knox-bentham@mmu.ac.uk** or  
Elle Simms – **E.Simms@mmu.ac.uk**

## National Art & Design Saturday Club

Suitable for Year 9-11

The National Art & Design Saturday Club gives young people aged 14–16 the unique opportunity to study art and design every Saturday morning at **Manchester School of Art** at Manchester Metropolitan University **free of charge**.

The aim is to nurture young people's talent and build their confidence and self-esteem. Last year 1,000 young people across the UK took part in their local Saturday Club, and it gave them an insight into college life and an understanding of new opportunities that further and higher education can offer. Manchester School of Art offer a club that aims to allow students the opportunity to develop creative thinking throughout varied disciplines. Spanning the academic year, students work with students, Art and Design Practitioners, and graduates from our School of Art, allowing the club member to ask questions and learn about the possibility of a creative future.

Club members also visit Manchester's best museums and galleries, and exhibit their work in their own Summer Show at

Somerset House, London. They are given the opportunity to attend a Masterclass with one of the UK's foremost designers or artists.

The Club is equally suitable for boys and girls of all abilities with an interest in art and design. A Club member attending last year said: "The Saturday Club tutors offered me a lot of help and advice about how to improve my work. They gave me a new understanding and love for art and have influenced my future career greatly."

We are looking for young people who have an interest in Art, Design and Technology to take part in our programme of exciting activities.

We hold an Open Day in October and the club runs from October – May.

To find out more or to book a place at our Taster Sessions, please contact Elle Simms at [e.simms@mmu.ac.uk](mailto:e.simms@mmu.ac.uk). Or visit our website at [www.artdes.mmu.ac.uk/engage](http://www.artdes.mmu.ac.uk/engage)

For further details about our activities and events please visit [www.art.mmu.ac.uk/outreach/](http://www.art.mmu.ac.uk/outreach/) and follow our blog <http://msoutreach.tumblr.com>





## Deep Learning Days

Suitable for Year 7-11

Manchester School of Art are offering Deep Learning Days delivered at your school which allow your pupils to immerse themselves in a creative subject for a day or half-day, to allow a mini 'Art School Experience'!

Sessions are led by School of Art staff, graduate practitioners or students and will look at problem solving, enterprise and business within the Creative Sector, learning a practical-based skill or looking at materials manipulation. Examples of Deep Learning Days we have delivered are

- Animation workshop
- Paper cutting and manipulation
- Experiential careers advice days
- Thinking and Making in 3D
- Street art workshop

Please contact us to discuss your school's requirements.

# ART





## Creative Support for Schools

Suitable for pupils in Year 7-11

Do you have ideas for Creative projects for your school but no time or resources to implement them? Would you like to offer a wider scope of creative opportunities in the classroom but don't know where to start? Would you like to offer extracurricular art/design clubs but don't have the staffing?

At the School of Art we can help you provide more opportunities for your pupils in your school. We can provide:

- contact with artists and practitioners for artist-in-residence opportunities for your school
- experienced graduate practitioners to run specific creative projects
- undergraduate mentors to help with in-school projects or extra-curricular clubs or activities
- professional development opportunities for teachers
- help, advice and support... just ask us!

Please contact Clare Knox-Bentham to discuss your needs and how Manchester School of Art can support you.

**c.knox-bentham@mmu.ac.uk**



## Summer Schools

Suitable for Year 7-11

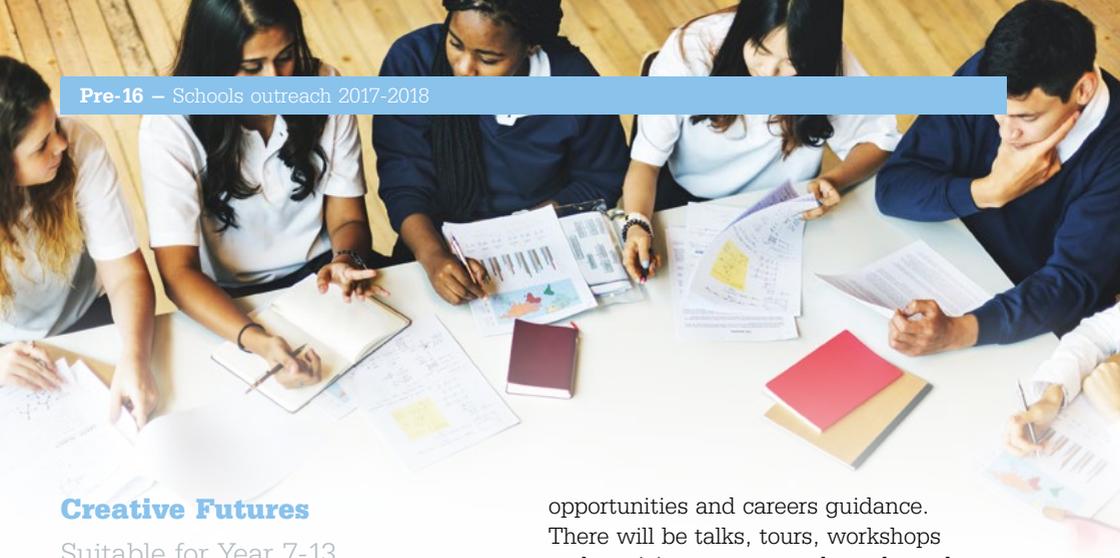
What is an Art School? Is it just drawing, painting and sculpture? How will coming to Manchester School of Art help me find a job? What role does an Art Graduate have in the 21st century workplace?

How can you earn a living from creativity? How can I make money from the things I make? What sort of job could I end up with if I study a degree in a creative subject?

Manchester School of Art offers a variety of Summer Schools which can inform and advise on your future, or just let you have some creative fun! Our Summer Schools allow you access to the University's Art & Design facilities and there will be sessions run by our academic staff, graduates and students so you will be able to talk to representatives of all aspects of the creative experience.... And of course you will have fun making in a variety of media and hopefully create some really interesting work for your portfolio!

Summer Schools run in July and August 2017.

Places are limited and allocated by selected application only. To find out more, please contact Elle Simms at **e.simms@mmu.ac.uk**. Or visit our website at **[www.art.mmu.ac.uk/outreach/](http://www.art.mmu.ac.uk/outreach/)**



## Creative Futures

Suitable for Year 7-13

Manchester School of Art at Manchester Metropolitan University invite parents, pupils, teachers, head teachers and governors to an event which may be of interest to your children. Creative Futures is an evening of talks and tours providing information about opportunities for study and subsequent careers in Art, Design, Media and Architecture.

The evening is for:

- Pupils at GCSE options stage, or those already thinking about university – Creative Futures is the perfect opportunity to find out what a modern art school can offer.
- Parents who may be unsure whether a creative degree is a good choice for future careers options, and to find out more about how the UK's Creative Industries are experiencing incredible economic success
- Discovering what skills we look for in our applicants and find out more about the breadth of choice in Higher Education to give your children the best advice.

We would very much like to meet parents to discuss what we offer their children, particularly through enrichment

opportunities and careers guidance. There will be talks, tours, workshops and participatory events throughout the evening.

For booking or more information, please contact Clare Knox-Bentham **c.knox-bentham@mmu.ac.uk** or Elle Simms – **e.simms@mmu.ac.uk**

## GCSE Homework Club

Suitable for Year 9-11

Manchester School of Art will be running immersive homework club sessions for pupils who are building up to their GCSE Art and Design exam. Bring your homework and current art project work to build and develop practical skills in a thriving, creative environment at Manchester School of Art. With support from Art School tutors and current Undergraduate and Postgraduate students, this club will offer a relaxed and friendly space for creative work to be completed. An opportunity to meet new people and develop existing skills, this club is open to all Art, Design, and Creative subject pupils in the lead up to their GCSE exams.

For more information regarding the starting dates each term, please get in touch with Elle Simms, **e.simms@mmu.ac.uk**

## Design LAB, Arts Award Programme

Suitable for Year 9-13

A creative workshop programme that will aid and develop the skills of young people interested in creative subjects and enable them to achieve a [www.artsaward.org.uk](http://www.artsaward.org.uk) Silver Arts Award. Achieve a national qualification and strengthen your creative and leadership skills at this tailored workshop programme, run by Manchester School or Art tutors and academics. With opportunities to work with practicing artists in an operational studio and gallery space, this programme will allow you to achieve your creative goals in preparation for further education and employment. Once completed, the Silver Arts Award can be turned into Gold by taking our Design LAB Gold programme.

For more information please contact Elle Simms, [e.simms@mmu.ac.uk](mailto:e.simms@mmu.ac.uk)



## Undercover Coding

Suitable for Year 5-9

Computer coding has been made part of mainstream curriculum from primary to GCSE options. Due to shortages in specialist teachers, this area has been identified as one in need of extra opportunities and special provision.

Drawing on our experience within the Education Faculty we have devised a variety of playful interventions designed to communicate the fundamentals of computer coding. These experiences draw on various interests close to the existing experience of young people to teach coding as a secondary activity.

Opportunities include: music making with lines of code with Sonic Pi, using Microbit and Codebug microcontrollers and LED lights to play with wearable technology and textiles, use of art materials to create simple paper circuits.

For further details on any of the above activities, or to ask any questions on how we could work together, please contact [edlab@mmu.ac.uk](mailto:edlab@mmu.ac.uk)

## Story trails and learning maps

(Y5-13 – Manchester Campus)

EdLab have been developing learning activities involving physical maps and the storytelling potential of mobile technologies. Our aims have been to explore ways we can situate ourselves in a complex world in a playful way. Key elements include the use of mobile devices, QR codes, treasure hunts, local history and story trails.

We have a series of activities, workshops and associated resources which take a playful look at local learning, history and the transmission of stories. We use huge maps to gather information from participants and then head out to explore the area for local stories both factual and fictional. Together, we discover the power of knowledge embedded in the community.

Optionally, we use this experience to spark more in-depth sharing and recording of stories and experiences of participants. This process can be adapted to encourage communication and digital publishing skills at various levels.

If you are interested to explore how you could use this process with your group please contact us on [edlab@mmu.ac.uk](mailto:edlab@mmu.ac.uk)



The University for  
**World-Class Professionals**



Manchester  
Metropolitan  
University

# Open Days



Come and visit us

## Manchester

Saturday 14th October 2017

Saturday 21st October 2017

Saturday 25th November 2017

Wednesday 20th June 2018

Get social with  
MMU. Search  
'Manmetuni'

YouTube



To find out more, and to  
book your place go to  
[mmu.ac.uk/openday](http://mmu.ac.uk/openday)  
or call **0161 247 6969**



# Post-16 Schools and Colleges Activities

The Education Liaison Team provides information, advice and support to students, teachers, careers advisers and parents. We offer a wide range of activities to inform students about applying to university and studying at Manchester Metropolitan University. We can help your students prepare for university through:

- College visits include presentations and workshops on a range of topics such as choosing courses, preparing for university and student life, how to apply and the UCAS application process, interview techniques, student finance and budgeting and studying a Degree or Higher Apprenticeship.
- Manchester Metropolitan University drop-ins and roadshows
- Student Panels
- Campus visits
- Subject Tasters

For more information on how our Education Liaison Team can help you and your students, please e-mail [edliaison@mmu.ac.uk](mailto:edliaison@mmu.ac.uk) or call **0161 247 5988**.

## Hosting a HE Event

The Education Liaison team host information stands at Careers or HE Fairs, where students or parents can ask any questions about Manchester Met University, courses and going to university. In addition, students can also order a prospectus and receive advice about entry requirements, applying to university and student life.

The Education Liaison Team also attend UCAS conventions across the UK. To find out more or to invite us to your event, contact the Education Liaison Team on e-mail: [edliaison@mmu.ac.uk](mailto:edliaison@mmu.ac.uk) or call **0161 247 5988**.

## Activities for Adult Learners

We are currently reviewing the additional activities, support and resources we provide for those who are thinking about returning to education. For further information and updates visit [www.mmu.ac.uk](http://www.mmu.ac.uk)



## Open Days

Open days are a great way for your students to find out what to expect when they move on to Higher Education. We put together an extensive programme of talks, tours and activities for visitors so they can find out about our courses and collect information on applying to university. They also have the chance to meet our current students to hear about what it's really like to move on to university. If you would like to bring a group to visit, our Open Days this year will take place on:

### Manchester Campus

Saturday 14th October 2017

Saturday 21st October 2017

Saturday 25th November 2017

Wednesday 20th June 2018

To find out more, and to make a group booking visit

[www.mmu.ac.uk/openday](http://www.mmu.ac.uk/openday)

or call **0161 247 6969**.



# Post-16 Schools and Colleges Activities for Teachers and Advisers

## Getting to grips with UCAS – Reference writing and advising students how to write personal statements

The presentation aims to give an overview of the personal statement and reference sections of the UCAS application and how these are used to support decision making. These sessions are for all staff who offer support to students applying to university.

Our sessions cover:

- How to write a good personal statement
- A summary of what admissions tutors are looking for
- How to write an academic reference that makes a real difference for your students applications

For more information on how our Education Liaison Team can help you and your students, please email [edliaison@mmu.ac.uk](mailto:edliaison@mmu.ac.uk) or call **0161 247 5988**.

## Annual Teachers and Advisers Conference

We host a free, annual conference aimed at teachers and careers advisers who play a key role in supporting students with applying to university and advising about higher education choices.

As well as providing an ideal opportunity for professional development and networking, the event identifies key changes and developments at Manchester Metropolitan University and within the sector.

To find out more please visit [www.mmu.ac.uk/post-16](http://www.mmu.ac.uk/post-16)

## Money Matters – getting to grips with student finance

The presentation gives an overview of the student support package and how you can help your students prepare for managing their money at university.

Our sessions cover:

- Funding your studies – what financial support is available?
- When and how to apply for the student support package?
- The costs of studying and tips on budgeting

For more information, please contact email [edliaison@mmu.ac.uk](mailto:edliaison@mmu.ac.uk) or call **0161 247 5988**.

## Inspire news

Our termly Inspire newsletters and monthly e-news have the latest information for teachers and advisers. Keep up-to-date with Manchester Metropolitan University news, events, and receive the latest information to help you advise your students applying to university. Join our mailing list or download copies of the latest issue of our Inspire newsletter at [www.mmu.ac.uk/schools-colleges](http://www.mmu.ac.uk/schools-colleges)

## Helping your students to make the right choices

Ensure your students are making informed choices by encouraging them to conduct their research in a number of different ways. At Manchester Metropolitan University we offer information, advice and guidance through various channels:

### Talk to us

Meet our tutors and students and experience our facilities first hand at an Open Day.

[www.mmu.ac.uk/openday](http://www.mmu.ac.uk/openday)

FAQ's on courses, finance, accommodation visit [mmu.ac.uk/ask](http://mmu.ac.uk/ask)

For more advice and specific questions, call us on **0161 247 6969** or visit [www.mmu.ac.uk/course-enquiry](http://www.mmu.ac.uk/course-enquiry)

Arrange for Manchester Metropolitan University representatives to visit your school or college.

Email: [edliaison@mmu.ac.uk](mailto:edliaison@mmu.ac.uk)



# Curriculum Enrichment Activities for Post-16 learners



## Outdoor Studies

### A Level Enrichment Day

Suitable for Year 12

Led by staff and pupils from the departments Physical Education and Sport Pedagogy programme, the A Level Enrichment day enables Year 12 and 13 students to engage in a range of practical and theoretical activities aimed at increasing their performance in various aspects of GCE Advanced Physical Education.

The A Level Enrichment Day will take place in the summer term of the 2015/16 academic year. For further details please contact Gareth Smith on [g.a.smith@mmu.ac.uk](mailto:g.a.smith@mmu.ac.uk)

## Science and Environment

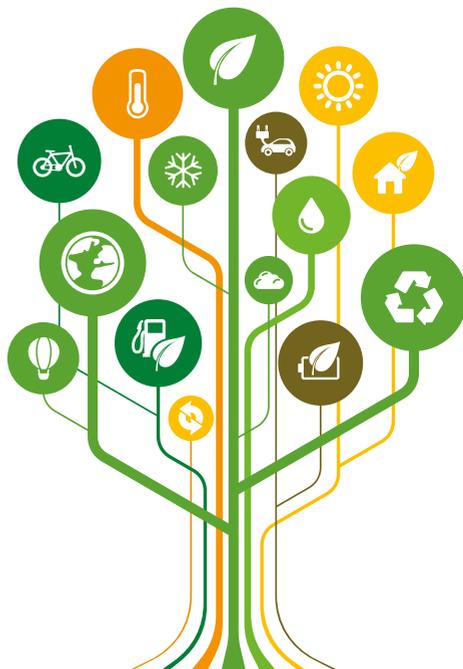
### College Analyst Competition

Suitable for Year 12

This activity is the regional heat of the national Chemistry Competition. Groups from colleges work in the laboratory on a chemical analytical problem and report the results. This activity is delivered in the summer term with the Royal Society of Chemistry (RSC).

More information can be found at:

<http://www.rsc.org/Membership/Networking/InterestGroups/Analytical/SchoolsComp/>





If you wish to receive further information on events or to join our mailing list, please contact:

Activities for Primary and Secondary pupils: **[schoolsoutreach@mmu.ac.uk](mailto:schoolsoutreach@mmu.ac.uk)**  
**0161 247 3570**

Activities for Post 16 colleges and schools: **[edliaison@mmu.ac.uk](mailto:edliaison@mmu.ac.uk)**  
**0161 247 5988**