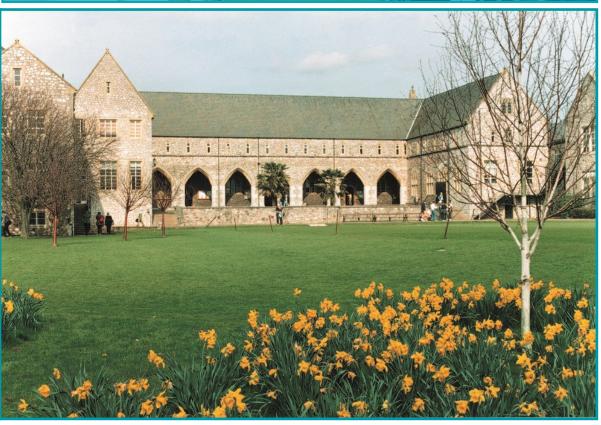




Primary Enrichment Outreach Programme

Autumn 2019 Years 3-6



Welcome

I am delighted to introduce the University of Exeter's Primary Enrichment Outreach Programme for Autumn 2019. This prospectus outlines the exciting and comprehensive range of activities that we offer across Key Stage 2, from Years 3 to 6.

Our Outreach Programme was first established in 2007 and in that time we have brought together the knowledge, expertise and experience of our tutors and lecturers to provide high quality teaching and learning experiences.

Our programme aims to encourage and develop the progression, attainment and aspiration of school-age pupils and is specifically aimed at engaging pupils who demonstrate a particular interest, skill or potential in a specific subject area. Our hope is that pupils further their passion and understanding for their subject; feel inspired by practical, hands-on learning activities and meet like-minded peers, all within the context of a Higher Education setting.

We look forward to welcoming you!

Our Pupils:

We welcome Key Stage 2 children from all backgrounds, from state education to home schooling, and in particular those children who demonstrate a particular interest or aptitude for a subject. We are committed to supporting children from disadvantaged or under-represented groups, and are therefore pleased to offer free places to children from low income or Pupil Premium backgrounds. Please contact us to apply for a place.

Pupil safety:

All members of the Primary Enrichment Outreach team hold an enhanced DBS certificate and all students participating in events are supervised by a member of our team. All activities held at the University of Exeter undergo a risk assessment before they take place, and we have fully trained first aiders on site.

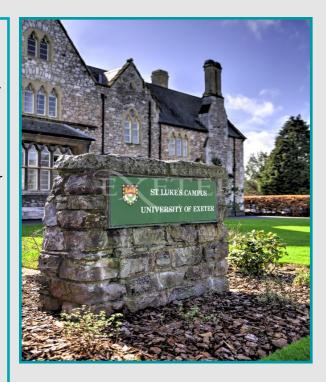
How to book:

Courses are £35 each, with free places available to those from low income or Pupil Premium backgrounds. To book a place please visit our website and follow the link to our online store: www.exeter.ac.uk/socialsciences/education/enrichment

School Absence:

If attending this course means that your child will be missing school, please follow their absence procedures. Authorised absence can not be assumed.

Frequently asked questions are at the back of this brochure.



Contact us

E: enrichment@exeter.ac.uk

Tel: 01392 724816

Website: http://

socialsciences.exeter.ac.uk/education/

enrichment/

Address: Primary Enrichment Outreach team, Graduate School of Education, St

Luke's Campus EX1 2LU

Outreach Coordinator: Georgina Graham

Primary Enrichment Programme—Autumn 2019

Course Date	Year group	Course Title	Page	
Mon 4th November	3 & 4	Maths: 'Gnomeland' - Design a Village for Gnomes	P4	
Mon 4th November	5 & 6	Art: Luminous Lettering	P19	
Tues 5th November	3 & 4	Art: Atlas of Adventure	P17	
Tues 5th November	3, 4, 5 & 6	Dance: Fabulous Fireworks	P21	
Wed 6th November	3 & 4	Art: Printing Perfect Patterns	P18	
Wed 6th November	5 & 6	Maths: Geometric Reasoning	P5	
Fri 8th November	3 & 4	ICT: Scratchalicious	P7	
Fri 8th November	5 & 6	Science: Genetics and Evolution	P11	
Sat 9th November	3 & 4	English: Making Magic	P13	
Sat 9th November	5 & 6	Maths: Christmas Origami	P6	
Mon 11th November	5 & 6	Art: Native American Tribes, Stories and Totem poles	P20	
Tues 12th November	5 & 6	Art & English: Sculpture Safari	P16	
Wed 13th November	3 & 4	Science: Mucky Materials	Р9	
Wed 13th November	5 & 6	ICT: Kodu Gaming with the BBC Micro:bit	P8	
Thurs 14th November	3 & 4	English: Tell me a Dragon	P14	
Thurs 14th November	5 & 6	Science: Volcanoes	P12	
Sat 16th November	3 & 4	Science: Who Eats Whom?		k and
Sat 16th November	5 & 6	English: Explorers	F15	<u>our pl</u> here

Year 3 and 4 Maths

Key details

• Date: Mon 4th November

• Tutor: Debi Lomax

• Venue: St Luke's campus

Associate Lecturer in Mathematics Education, University of Exeter

Course Title

'Gnomeland' — Design a Village for Gnomes

Course description

There are gnomes in many gardens who desperately need well designed homes. This course will explore aspects of geometry, money, an initial exploration of area and perimeter, drawing plans, and problem solving. Pupils will be encouraged to work collaboratively and systematically to find all possible answers.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)



Contact us

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How to book

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Year 5 and 6 Maths

Key details

• Date: Wed 6th November

• Tutor: Debi Lomax

• Venue: St Luke's campus

Associate Lecturer in Mathematics Education, University of Exeter

Course Title

Geometric Reasoning

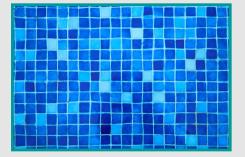
Course description

Have you ever wondered what course you would need to set to avoid going into the Bermuda Triangle? Why are honeycombs organised in a hexagonal pattern? This course is designed to promote pupils' geometric reasoning skills. We will explore 2D and 3D shapes, tessellations and angles. The session will be very practical and hands-on, and pupils will be encouraged to develop a deep understanding of properties of shapes through a variety of activities.

What to bring

- Packed lunch
- Water bottle
- Everyday pencil case protractors rulers etc will be provided
- School uniform not required (weatherappropriate clothing)





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Year 5 and 6 Maths

Key details

• Date: Sat 9th November

• Venue: St Luke's campus

• Tutor: Suki Honey, Associate lecturer in Mathematics at Plymouth University and the Open University

Course Title

Christmas Origami

Course description

In this session you will learn about 3D geometry by making models that use modular origami.

We will make Christmas decorations and gift boxes using paper folding techniques that will help you develop a deeper understanding of shape and space.

What to bring

- A sheet of Christmas wrapping paper that will hold creases (optional)
- Packed lunch
- Water bottle
- Everyday pencil case
- School uniform not required (weatherappropriate clothing)



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How to book

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Year 3 and 4 ICT

Key details

• Date: Fri 8th November

• Venue: St Luke's campus

Tutor: Clare Nevinson, Computing in Schools Specialist Teacher, CAS Master Teacher

Course Title

Scratchalicious

Course description

Let's get Scratching! We'll start off with the basics of animations and move into game creation. During the day we will explore a range of exciting different projects using sequence, repeats, selection and variables.

What to bring

- Packed lunch
- Water bottle
- Pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)





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Year 5 and 6 ICT

Key details

• Date: Wed 13th November

• Venue: St Luke's campus

Tutor: Clare Nevinson, Computing in Schools Specialist Teacher, CAS Master Teacher

Course Title

Kodu Gaming with the BBC Micro:Bit

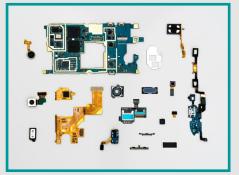
Course description

Let's get gaming! During this jam-packed day you will be creating your own gaming platforms and will learn how to control your characters using the BBC Micro:Bit. Your computational thinking skills will be put to the test and you will be developing your algorithmic thinking, logical reasoning and debugging skills

What to bring

- Packed lunch
- Water bottle
- Pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)





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Year 3 and 4 Science

Key details

• Date: Wed 13th November Tutor: Sue Godfrey

• **Venue:** St Luke's campus

Associate Lecturer in Science,
The University of Exeter

Course Title

Mucky Materials

Course description

For the pupils: If you like messy or challenging hands on experiments, including working with chemicals, then this course is for you. During the day we will try to decide what a 'material' is and explore what different materials can do; but can we make sense of what we discover?

For the grown-ups: The National Curriculum states that 'The principal focus of science teaching in lower key stage 2 is to enable pupils to broaden their scientific view of the world around them. They should do this through exploring, talking about, testing and developing ideas about everyday phenomena...'

This Year 3 and 4 course is designed to take students beyond the National Curriculum for their age group, giving them an opportunity to explore some materials from a chemistry-based perspective, although other aspects of science will be included. The course will be messy, so rough clothes and sensible, closed footwear (not open sandals) to be worn please.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- Practical, old clothing and sensible closed -top footwear, no flip-flops, sandals etc. (children will be provided with lab coats)





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How to book

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Year 3 and 4 Science

Key details

• Date: Sat 16th November Tutor: Sue Godfrey

• **Venue:** St Luke's campus

Associate Lecturer in Science,
The University of Exeter

Course Title

Who Eats Whom?

Course description

Come and find out what is going on in a real food web! You will be able to see for yourself how animals are getting the energy they need to survive.

National Curriculum statements:

Sc2. 1a Life processes include nutrition, movement, growth and reproduction.

1c Make links between life processes in familiar animals and plants and their environments.

4a Use keys
4b Identifying animals and plants
5b Different plants and animals in their
habitat
5c How they are suited to their environment
5d Food chains

5f Microorganisms

What to bring

- Packed lunch
- Water
- Everyday pencil case
- Practical, old clothing and sensible closed -top footwear, no flip-flops, sandals etc. (children will be provided with lab coats)



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How to book

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Year 5 and 6 Science

Key details

• Date: Fri 8th November Tutor: Sue Godfrey

• **Venue:** St Luke's campus

Associate Lecturer in Science,
The University of Exeter

Course Title

Genetics and Evolution

Course description

This is a very important branch of science today.

You will learn about many things including Genetic Modification (GM), cloning, the human genome and, hopefully you will be able to see some real chromosomes!

We will explore the answers to such questions as:

- Why did Queen Victoria have so many sons suffering from serious illness?
- Why are white male cats often deaf?
- Should we be wary of GM food?
- How about 'designer babies'
- How does evolution happen?

Will it be possible one day to prevent serious illnesses being inherited?

What to bring

- Packed lunch
- Water bottle
- Everyday pencil case
- Practical, old clothing and sensible closed -top footwear, no flip-flops, sandals etc. (children will be provided with lab coats)



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Year 5 and 6 Science

Key details

• Date: Thurs 14th November Tutor: Sue Godfrey

• **Venue:** St Luke's campus

Associate Lecturer in Science,
The University of Exeter

Course Title

Volcanoes

Course description

This exciting course is all about volcanoes! How is it that there are volcanoes in the world? What are volcanoes? Are all volcanoes the same? Why is it that some parts of the world have volcanoes and others don't? We will explore these questions and, through laboratory demonstrations and hands-on experiments, discover why some volcanoes explode so spectacularly. In the afternoon you will make a volcano using the knowledge you gained from your earlier experiments.

Children will learn about basic anatomy of the earth, tectonic plates and how this leads to the development of volcanoes. Students will run experiments and watch demonstrations of controlled explosions and use this learning to make a volcano of their own in the afternoon.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- Practical, old clothing and sensible closed -top footwear, no flip-flops, sandals etc. (children will be provided with lab coats)





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Year 3 and 4 English

Key details

• Date: Sat 9th November

• Venue: St Luke's campus

Tutor: Emma Cox, Associate Lecturer at the University of Exeter, Author of Malkin Moonlight (Bloomsbury)

Course Title

Making Magic

Course description

Do you believe in magic? Would you like to create some of your own? We will read classic and contemporary children's literature to inspire us. We will structure and create a story full of magical inventions. We will perform magical poetry and compose our own. We will bring words to life through a range of drama techniques. The course will focus on the skills at the top of Bloom's taxonomy, and the children will be encouraged to take risks, to invent and to create. If you love to escape on flights of imagination, sprinkled with a little magic, do join me.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)



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Year 3 and 4 English

Key details

• Date: Thurs 14th November

• Venue: St Luke's campus

Tutor: Anita Wood Lecturer at the University of Exeter on the PGCE Primary Course, Specialising in English, Humanities and Thinking Skills

Course Title

Tell me a Dragon

Course description

Everyone can imagine a dragon! This course will help you use your art, storytelling and writing skills to bring your own dragon to life.

Dragons appear in so many wonderful stories and books! On this course we will be working with Jackie Morris' beautiful book called "Tell me a Dragon!" In the morning we will spend time in the art room creating our own dragons using drawing, collage and batiq.

In the afternoon we will bring our dragons to life with words, using oral story-telling, writing and poetry.

Bring along your imagination, your knowledge of dragons from the books you have read and the stories you know and be prepared for a day of fun and creativity!

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)





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Year 5 & 6 English

Key details

• Date: Sat 16th November

• Venue: St Luke's campus

Tutor: Emma Cox,

Associate Lecturer at the University of Exeter, Author of Malkin Moon-

light (Bloomsbury)

Course Title

Explorers!

Course description

Want to go on adventures? Do you want to read about explorers, both real and imagined? Would you like to create your own setting to cut and march your way through to see what you discover? We will find inspiration through literature, poetry and non-fiction. We will bring words to life through a range of drama techniques. The course will focus on the skills at the top of Bloom's taxonomy, and the children will be encouraged to take risks, to invent and to create. If you would like to go beyond the map to uncharted territories, do join me.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)

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How to book

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Year 5 & 6 Art & English What to bring

Key details

• Date: Tues 12th November

• Venue: St Luke's campus

Tutor: Anita Wood Lecturer at the University of Exeter on the PGCE Primary Course, Specialising in English, Humanities and Thinking Skills

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)



Course Title

Sculpture Safari

Course description

This course will be based at the University of Exeter Streatham Campus and make use of the University Sculpture Trail which has over 30 sculptures by famous artists such as Barbara Hepworth.

Do you enjoy using your imagination?

Do you like poetry and creative writing?

Do you enjoy using new art materials and techniques?

Do you enjoy working outside?

Then this course is for you!

During the day we will visit pieces of art in the University Sculpture Trail. We will investigate sculptures by different artists, using some creative exercises that you may not have tried before! Along the way you will have the chance to use your art skills to help you think about the sculptures and your writing skills to create poetry and prose, using the sculptures as inspiration.

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How to book

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Year 3 and 4 Art

Key details

• Date: Tues 5th November

• Venue: St Luke's campus

Tutor: Lacey Evans Asso-ciate lecturer Plymouth University and Primary teacher specialising in Art and Literacy

Course Title

Atlas of Adventure

Course description

During the day we will have the opportunity to research and explore a range of historical and geographical adventures from Arctic exploration to modern day explorers such as Steve Buckshall's underwater cave diving. Students will be able to choose an adventure and recreate a detailed and artistic map revealing the explorer's journey and perils along the way.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing)
- (Optional) Any of your own drawings or art work



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How to book

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Year 3 and 4 Art

Key details

• Date: Wed 6th November

• Venue: St Luke's campus

Tutor: Jenny Perry, Specialist Teacher of Art and History in Primary Schools and a University Tutor for Trainee Teachers

Course Title

Printing Perfect Patterns

Course description

Do you love art? Would you like to develop your skills and understanding of print making and design? Then this is the course for you.

During this one day course you will have the opportunity to try out a variety of different print making techniques including block, poli and mono prints.

You will learn about the history of print making and have a go at making your own hand painted, repeating, patterned designs using the inspiration of the Victorian Artist William Morris and his contemporaries.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing)
- Bring an old shirt or apron to wear when using the printing equipment.
- (Optional) Any of your own drawings or art work





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How to book

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Year 5 and 6 Art

Key details

• Date: Mon 4th November

• Venue: St Luke's campus

Tutor: Jenny Perry, Specialist Teacher of Art and History in Primary Schools and a University Tutor for Trainee Teachers

Course Title

Luminous Lettering

Course description

During this creative day which builds on last years 'Beautiful Books' workshop you will learn the skill of how to make art writing using calligraphy pens. You will learn different ways to create 3D effects and decorate your letters using the inspiration of Illuminated Medieval Manuscripts and other wonderful examples of ancient and modern lettering art.

You can then choose to use what you have learnt to create cards, book plates, origami envelopes, book covers, signs etc. with whatever words mean something to you.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)
- Your own drawings or art work (optional)





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How to book

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Year 5 and 6 Art

Key details

• Date: Mon 11th November

• Venue: St Luke's campus

Tutor: Lacey Evans Associate lecturer Plymouth University and Primary teacher specialising in Art and Literacy

Course Title

Native American Tribes, stories and Totem Poles

Course description

During the day we will explore the different Native American tribes and their lives through a range of stories, videos, activities and art work. There will be opportunities to consider what can be learnt about the Native American Indian way of life that links to modern day environmental issues. The afternoon will be spent creating a creative drawing of their own totem pole using ideas and images from the morning session.

What to bring

- Packed lunch
- Water
- Everyday pencil case
- School uniform not required (weatherappropriate clothing e.g. coat)





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How to book

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Year 3, 4, 5 and 6 Dance

Key details

• Date: Tue 5th November Tutor: Alex Parks,

• Venue: St Luke's campus Associate Lecturer in Physical

Education and Dance at the

University of Exeter

Course Title

Fabulous Fireworks

Course description

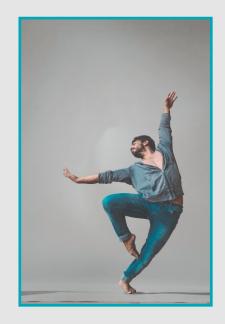
This contemporary Dance workshop will cover all the basic skills of National Curriculum dance including space, time, levels, direction, dynamics and pathways as well as working on individual dance ideas.

We will be looking at the different ways of using dance to help us express our ideas about fireworks and the history around them, fully. This is an exciting new workshop aimed at using contemporary movements, whilst dancing to a range of upbeat music, as well as having lots of fun!

Learning to critically explore your own and each other's dance movements will be a large focus of the workshop as this is when your own development in dance can really progress. You will be giving positive feedback to your peers and learning to be a critical friend. Adding your own individuality to different movements will be greatly encouraged. This exciting dance workshop for year 3-6 girls and boys will challenge your creativity in a positive and nurturing environment, whilst developing your knowledge of the greater world of dance movement

What to bring

- Packed lunch
- Water
- Everyday pencil case
- Comfortable clothes to dance in



Contact us

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How to book

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Frequently Asked Questions

How many courses can I do?

As many as you want! If you are applying for free places, your child can do two courses each term.

How do I book a free place?

Can my child miss school?

You need to follow your school's absence procedures.

How do I find out about your new courses?

Email us at enrichment@exeter.ac.uk and we will add you to our mailing list. We will send you our course brochure three times per year.

How long are the courses?

The courses last a whole day. We ask you to drop your children off at 9.15am and collect them at 3.30pm. They need to bring a packed lunch. We try to get them outside to play for a morning break and at lunchtime.

My child is in Y2 but very able. Can they come?

The courses are designed to stretch the most able children and so can be quite challenging. We don't allow Year 2 children on our Year 3 & 4 courses so that Year 4 children still have a great experience. Your child will be very welcome next year. Ask to be put on our mailing list.

When should I book to avoid disappointment?

We close the bookings 48 hours before the course starts. This gives the tutor time to prepare for the actual number of children who are coming and tailor the course to suit them.

How to find us **RD&E** Heavitree **ENTRANCE** Streatham Campus, city centre, train stations and public car parks Rowancroft (more parking available) P MAGDALEN ROAD RILD/RD&E Wonford **ENTRANCE**

Address

University of Exeter
St Luke's Campus
Heavitree Road
Exeter EX1 2LU

More information about the campus and directions can be found here: www.exeter.ac.uk/visit/directions/stlukes/

Registration and collection point

Please arrive at Baring Court (number 5 on the map) by 9:15am to register. Courses start promptly at 9:30am. Children need to be collected by 3:30pm from the same place by a known adult.

Parking onsite

Please display the 10 minute 'drop off' parking permit on your car's dashboard when parking on-site. This can be found on the booking confirmation letter. Alternatively, the nearest public car park is at The <u>Triangle</u>, off Heavitree Road (see <u>Exeter city centre map</u>).