

# institute of imagination

## FREE workshops championing STEAM for KS1 & KS2

### What's included?

- Teacher CPD, KS1 & KS2 cross-curricular workshops championing STEAM, show and tell
- Workshops broadcast live into your classroom from our studio at School 360 in East London
- Free resources (physical resources delivered to your school, digital resources including videos and activity guides!)
- Co-created with teachers to fit seamlessly into the curriculum. Click below to sign up now!

[Sign Up for the  
Spring Term](#)

[Sign Up for the  
Summer Term](#)



# What skills will children gain?

Nurturing **creativity**  
and **curiosity**

Developing  
**critical thinking**

Mastering **core**  
**competencies**



Turning **aspiration**  
into **achievement**

Collaborative  
**learning**

Developing confidence  
and communication

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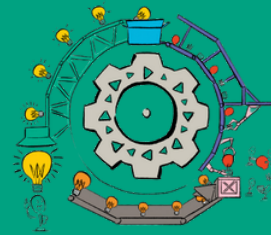
# What workshops can I sign up for?

## Spring 1

AM Workshops: 9:15 - 10:30am

PM Workshops: 1:30 - 2:45pm

## Save Make Reinvent



A playful and engaging way to introduce sustainability and the circular economy into the classroom. We look at how we can take used materials to empower children to apply their imagination to Save Make and Reinvent someone's waste into another person's treasure.

### Natural Inks

Using scraps from fruit, veg and other ingredients from your own school kitchen to extract natural inks to paint pictures and explore colour.

KS1 - Monday 29 January AM  
KS2 - Monday 29 January PM

### Junk Bots

Using recyclable materials, crafts, and hobby motor circuitry to make moving junk robots.

KS1 - Tuesday 30 January AM  
KS2 - Tuesday 30 January PM

### Digital Storytelling

Exploring stop motion animation to bring storytelling to life. You will need iPads or Tablets for this workshops (1 per group of 3 or 4 children).

KS1 - Wednesday 31 January AM  
KS2 - Wednesday 31 January PM

**Subject Links: Science, Electronics, DT, Art & Design, Computing**

[Sign Up for the  
Spring Term](#)

# What workshops can I sign up for?

## Spring 2

AM Workshops: 9:15 - 10:30am

PM Workshops: 1:30 - 2:45pm

## Imagine Me Imagine You



Imagine Me Imagine You explores the neuroscience of the brain to celebrate our differences, connecting the magic of what makes me, me, and what makes you, you. This theme will focus on creativity, resilience and self-regulation skills that help to support our wellbeing.

### Balancing 'Me' Sculptures

Using balance, gravity, and mass to create sculptures out of everyday objects to explore neuroscience and our unique secret code.

KS1 - Monday 26 February AM

KS2 - Monday 26 February PM

### Laughing Automata Machines

Exploring the neuroscience of laughter with simple mechanical elements such as levers, cams and linkages, to activate the brain's 'feel-good' transmitters.

KS1 - Tuesday 27 February AM

KS2 - Tuesday 27 February PM

### Coding Our Emotions

You will need iPads or Tablets (1 per group of 3 or 4 children).

Inventing, designing, and engineering using SCRATCH to explore emotions and facial expressions.

KS1 - Wednesday 28 February AM

KS2 - Wednesday 28 February PM

**Subject Links: Science, PSHE, Coding/Computing**

[Sign Up for the  
Spring Term](#)

# What workshops can I sign up for?

## Spring 2

AM Workshops: 9:15 - 10:30am

PM Workshops: 1:30 - 2:45pm

## Wild Eco Builders



Wild Eco Builders delves into how the science of nature can inspire us to imagine creative sustainable solutions when designing architecture and inventions for the cities and communities we live in.

### Nature's Engineers

Exploring how the geometry of plants and nature can inspire us to build and experiment with architecture for communities we live in.

KS1 - Monday 18 March AM  
KS2 - Monday 18 March PM

### Wild Cities



Build  
THE Change

Co-created with and supported  
by the LEGO Group.

Using animals' traits and characteristics to design places and spaces that are best suited to their surroundings such as land or water.

KS1 - Tuesday 19 March AM  
KS2 - Tuesday 19 March PM

### Coding Eco Places



Coding sustainable development solutions using micro:bit and CoSpaces to design the buildings of the future, and challenge how we can innovate, design and invent interactive prototypes.

KS1 - Wednesday 20 March AM  
KS2 - Wednesday 20 March PM

**Subject Links: Science, Maths, Coding/Computing, Art & Design, DT**

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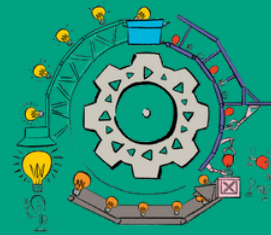
# What workshops can I sign up for?

## Summer 1

AM Workshops: 9:15 - 10:30am

PM Workshops: 1:30 - 2:45pm

## Save Make Reinvent



A playful and engaging way to introduce sustainability and the circular economy into the classroom. We look at how we can take used materials to empower children to apply their imagination to Save Make and Reinvent someone's waste into another person's treasure.

### Natural Inks

Using scraps from fruit, veg and other ingredients from your own school kitchen to extract natural inks to paint pictures and explore colour.

KS1 - Monday 22 April AM

KS2 - Monday 22 April PM

### Junk Bots

Using recyclable materials, crafts, and hobby motor circuitry to make moving junk robots.

KS1 - Tuesday 23 April AM

KS2 - Tuesday 23 April PM

### Digital Storytelling

Exploring stop motion animation to bring storytelling to life. You will need iPads or Tablets for this workshops (1 per group of 3 or 4 children).

KS1 - Wednesday 24 April AM

KS2 - Wednesday 24 April PM

**Subject Links: Science, Electronics, DT, Art & Design, Computing**

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# What workshops can I sign up for?

## Summer 2

AM Workshops: 9:15 - 10:30am

PM Workshops: 1:30 - 2:45pm

# Imagine Me Imagine You



Imagine Me Imagine You explores the neuroscience of the brain to celebrate our differences, connecting the magic of what makes me, me, and what makes you, you. This theme will focus on creativity, resilience and self-regulation skills that help to support our wellbeing.

## Balancing 'Me' Sculptures

Using balance, gravity, and mass to create sculptures out of everyday objects to explore neuroscience and our unique secret code.

KS1 - Monday 13 May AM

KS2 - Monday 13 May PM

## Laughing Automata Machines

Exploring the neuroscience of laughter with simple mechanical elements such as levers, cams and linkages, to activate the brain's 'feel-good' transmitters.

KS1 - Tuesday 14 May AM

KS2 - Tuesday 14 May PM

## Coding Our Emotions

You will need iPads or Tablets (1 per group of 3 or 4 children).

Inventing, designing, and engineering using SCRATCH to explore emotions and facial expressions.

KS1 - Wednesday 15 May AM

KS2 - Wednesday 15 May PM

**Subject Links: Science, PSHE, Coding/Computing**

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Summer Term](#)

# What workshops can I sign up for?

## Summer 2

AM Workshops: 9:15 - 10:30am

PM Workshops: 1:30 - 2:45pm

## Wild Eco Builders



Wild Eco Builders delves into how the science of nature can inspire us to imagine creative sustainable solutions when designing architecture and inventions for the cities and communities we live in.

### Nature's Engineers

Exploring how the geometry of plants and nature can inspire us to build and experiment with architecture for communities we live in.

KS1 - Monday 17 June AM  
KS2 - Monday 17 June PM

### Wild Cities



Build  
THE Change

Co-created with and supported  
by the LEGO Group.

Using animals' traits and characteristics to design places and spaces that are best suited to their surroundings such as land or water.

KS1 - Tuesday 18 June AM  
KS2 - Tuesday 18 June PM

### Coding Eco Places



Coding sustainable development solutions using micro:bit and CoSpaces to design the buildings of the future, and challenge how we can innovate, design and invent interactive prototypes.

KS1 - Wednesday 19 June AM  
KS2 - Wednesday 19 June PM

**Subject Links: Science, Maths, Coding/Computing, Art & Design, DT**

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# Who are the Institute of Imagination (iOi)?

Empowering children to reimagine the future.



The Institute of Imagination (iOi) is a well-established and pioneering education charity. We work with parents, teachers, youth and community leaders and academics. We design and deliver creative learning experiences across the arts, sciences and digital technologies for marginalised and disadvantaged children aged 5-11 years old. These experiences empower children today to believe they can build a just, fair and sustainable world tomorrow.