

**institute of  
imagination**

# iOi Schools Programme

Unleash your creativity with  
our exciting and immersive  
**FREE** programme of:

- Teacher training, workshops, playful experimentation, and show & tell for KS1 and KS2 classes
- Live workshops broadcast directly into your classroom
- Free digital resources (presentations, lesson plans)
- iOi imagination Toolkit for each class delivered to your school

**Register your school today!**

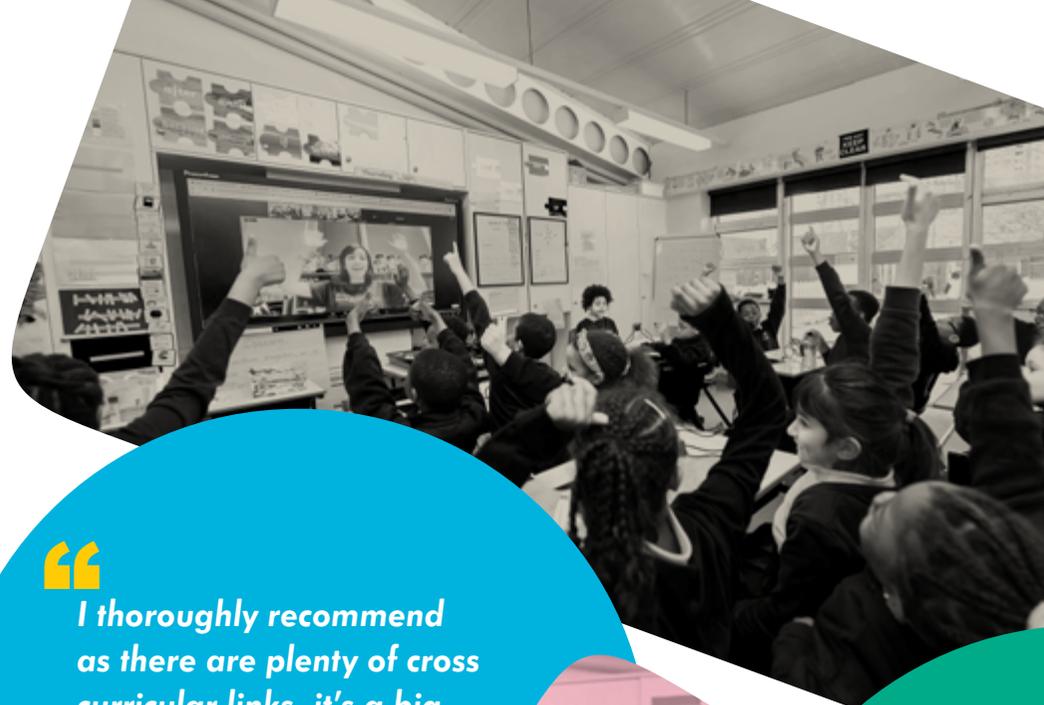


*“By the age of seven, children are already facing limits on their future aspirations in work.”*

In a fast changing world, it's more important than ever for children to harness their imagination as a super-power, giving them the skills and confidence to turn aspiration into achievement.

Our purpose is to create the space, tools, and opportunities for creativity to thrive. We work directly with schools to make this happen. We do this by:

- Designing, delivering, and championing **creative learning experiences** across the **science, technology, engineering, arts, maths (STEAM)**.
- Directly broadcasting online into your classroom.
- Preparing children with vital **lifelong skills**, such as **problem solving, collaboration, critical thinking**, and **curiosity**.
- Radically enhancing children's development, **increasing resilience**, improving **wellbeing** and capacity for **innovation** and **entrepreneurship**.
- Focussing on children aged 5–11, particularly those from the most deprived areas of the UK.
- Using the curriculum as a basis for our programmes, sprinkling some iOi imagination and applying our pedagogy to create and deliver programmes **children and teachers love!**



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*I thoroughly recommend as there are plenty of cross curricular links, it's a big thumbs up from us here at Duncombe!*

– Headteacher,  
Duncombe Primary



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



Developing **critical thinking**



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



'Show and Tell' developing **confidence** and **communication**



Mastering **core competencies**



Practising **collaborative learning**



# How is the iOi Schools Programme formatted?

There are 4 stages to the iOi Schools Programme with touch points spread across 3 weeks. Below is a breakdown of the timings across each stage.

## Stage 1:

### Teacher Training

- 75 minute Teacher Training live broadcast (or access on demand to meet your schedule)

## Stage 2:

### Live Classroom Broadcasts

- 90 minute creative exploration!
- Workshops are broadcast live to your classroom

## Stage 3:

### Tinkering Time

- We know that children need extra time to work on their creations
- If you can, fit some time to continue tinkering!

## Stage 4

### Show & Tell

- Present your work
- Reflect on each others ideas
- Celebrate your participation in the programme!

The iOi Schools Programme currently has 2 themes, Imagine Me Imagine You, and Save Make Reinvent. These sit in our main categories of People - exploring neuroscience and the way humans work, and Planet - introducing sustainability to the classroom.  
Read about the workshops you can sign up for below!

## People

### 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.

#### What workshops can I expect?

- **'Balancing Me' Sculptures**- Build and create sculptures using balance, gravity and mass, out of everyday objects to explore the neuroscience of the brain celebrating our unique secret code.  
**Curriculum Links:** PSHE, Science & Physics, Art & Design  
**Skills & Competences:** Thinking and working creatively, problem solving, curiosity, resilience, self-awareness
- **Laughing Automata Machines**- Invent and build Laughing Automata Machines, exploring the neuroscience of laughter with simple mechanical elements such as levers, cams and linkages, to activate our brain's 'feel-good' transmitters.  
**Curriculum Links:** Science, DT, Art & Design, PSHE  
**Skills & Competences:** Mechanics, engineering, design, cooperation, creativity, persistence, self-regulation, inventiveness
- **Coding Emotions**-Explore the neuroscience of our emotions and facial expressions by collaboratively inventing, designing, and engineering with digital tools  
**Curriculum Links:** Science, PSHE, Computing, Art & Design  
**Skills & Competences:** Innovation, programming & coding, design, creativity, teamwork, self-regulation, resilience

## Planet

### 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.

#### What workshops can I expect?

- **Natural Inks**- Using scraps from fruit, veg and other ingredients from your own school kitchen we will extract natural inks and use these to paint pictures and explore colour.  
**Curriculum Links:** Arts, Science, Sustainability, Natural Environment  
**Skills & Competences:** Thinking and working creatively, curiosity & tinkering
- **Junk Bots**- Build your own junk bot using recyclable material and hobby motors  
**Curriculum Links:** Science, Arts & Design, Sustainability, Electronics  
**Skills & Competences:** Engineering, designing, prototyping, problem solving, tinkering, creativity, inventiveness, self-awareness
- **Digital Storytelling**- Explore stop frame animation with us and bring your storytelling to life *(You will need access to tablets between groups to take part in this).*  
**Curriculum Links:** Sustainability, Computing, Arts & Design, Literacy  
**Skills & Competences:** Working with Digital Technology, self-directed learning, designing, collaboration, teamwork, innovation, creativity

# Workshop Timeline

## Imagine Me Imagine You

### Summer ①

| Monday<br>24.04.23                                  | Tuesday<br>25.04.23                                     | Wednesday<br>26.04.23                     |
|---|---|---|
| 'Balancing Me'<br>Sculptures<br>KS1<br>9:15-10:30am | Laughing<br>Automata<br>Machines<br>KS1<br>9:15-10:30am | Coding<br>Emotions<br>KS1<br>9:15-10:30am |
| 'Balancing Me'<br>Sculptures<br>KS2<br>1:15-2:45pm  | Laughing<br>Automata<br>Machines<br>KS2<br>1:15-2:45pm  | Coding<br>Emotions<br>KS2<br>1:15-2:45pm  |

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## Save Make Reinvent

### Summer ②

| Monday<br>12.06.23                  | Tuesday<br>13.06.23              | Wednesday<br>14.06.23                          |
|-------------------------------------|----------------------------------|--|
| Natural Inks<br>KS1<br>9:15-10:30am | Junk Bots<br>KS1<br>9:15-10:30am | Digital<br>Storytelling<br>KS1<br>9:15-10:30am |
| Natural Inks<br>KS2<br>1:15-2:45pm  | Junk Bots<br>KS2<br>1:15-2:45pm  | Digital<br>Storytelling<br>KS2<br>1:15-2:45pm  |



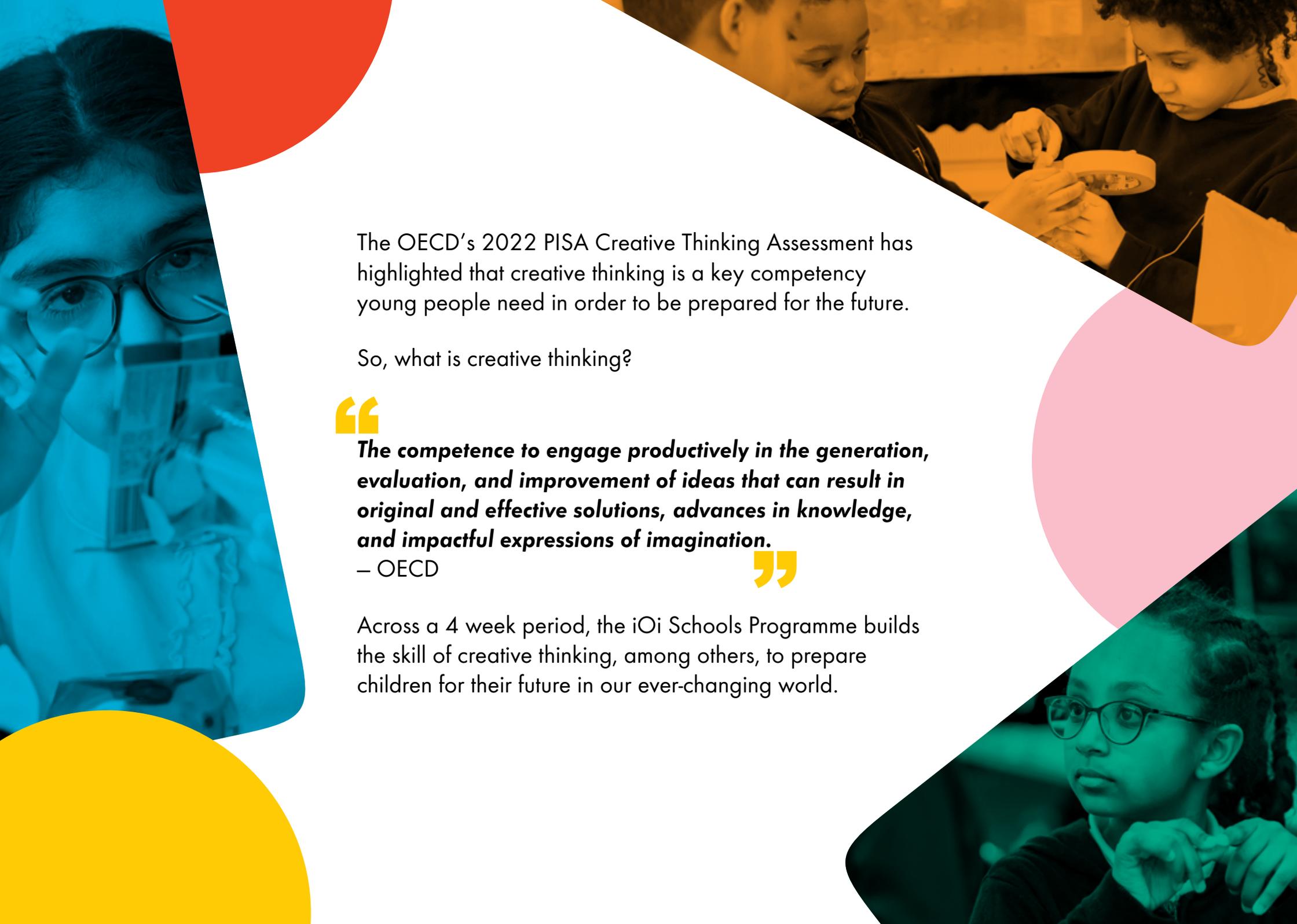
# About the Institute of Imagination

**We believe that imagination is the super-power of the 21st century.**

The iOi is a children and families charity based in London with international reach. We design, deliver and champion creative learning experiences across the arts, sciences and digital technologies. These empower children aged 5-11 today to believe they can build a just, fair and sustainable world tomorrow. Our purpose is to create the space, tools, and opportunities for creativity to thrive. We envision a world where every child has the equal opportunity and skills to imagine and achieve their fullest potential.

Since the iOi was founded over ten years ago, we've achieved real impact for children and families across London, the UK and the world. So far, over 120,000 people have participated in our award-winning creative programmes with world-class partners like the British Council, TATE and The LEGO Group, and Disney who champion opportunities for children to develop their imaginations.





The OECD's 2022 PISA Creative Thinking Assessment has highlighted that creative thinking is a key competency young people need in order to be prepared for the future.

So, what is creative thinking?

“

***The competence to engage productively in the generation, evaluation, and improvement of ideas that can result in original and effective solutions, advances in knowledge, and impactful expressions of imagination.***

– OECD

”

Across a 4 week period, the iOi Schools Programme builds the skill of creative thinking, among others, to prepare children for their future in our ever-changing world.

# FAQs

## *How much does it cost?*

The iOi Schools Programme is free of charge for all state primary schools in the following areas:  
London Boroughs - Lambeth, Southwark, Newham, Tower Hamlets, Islington, Hackney, Waltham Forest, Brent, Hammersmith & Fulham, Greenwich, Lewisham, Enfield, Haringey, and Barking & Dagenham  
North West & North East of England  
**We are continuously expanding this programme to reach new areas. The iOi Schools Programme is fully funded by grants, funders, and individual donations.**

## *How long does the programme run for?*

The iOi Schools Programme runs for 4 weeks through Blended Learning. You can choose to take part in as many workshops as you would like. Week 3 of the programme is self-guided with supporting material.

## *What does a workshop entail?*

In each workshop you and your class will take part in the iOi experience. A unique 7 step pedagogical process we have cultivated over a decade where you will be inspired and informed with a real-world theme, set with a challenge to experiment with an idea, get hands-on to build a solution and showcase and reflect on your creations with your peers.

## *Are the workshops online or in person?*

The workshops are delivered live to your classroom through an online broadcast by our facilitators who are all DBS checked.

## *Is my school eligible to sign up?*

The iOi Schools Programme is currently free for all schools in the boroughs listed above.

## *How many classes can I sign up?*

You can sign up as many KS1 and KS2 classes in your school as you would like!

## *How do I get my Imagination Toolboxes and digital resources?*

Your imagination Toolboxes will be delivered to your school and you will be sent links to all other resources.

## *Do I need to print anything out?*

We will send some suggestions of what resources you can print.

## *How many workshops can I sign up for?*

You can sign up to as many workshops as you would like! It is completely unlimited.

## *Where can I sign up?*

Sign up to the iOi Schools Programme [here!](#)

## *Will I get a reminder about what I have signed up for?*

When you register you will receive a confirmation email. We will also send reminder emails closer to the start dates but recommend you take note of the sessions you have booked in for in shared calendars with your team.

## *My class are Year 3. Should I book them for a KS1 or KS2 workshop?*

If you feel your Year 3 or 4 classes could benefit from joining a KS1 workshop, then we recommend doing so. On the other hand, if you feel they may be up for the challenge, book in a KS2 workshop. Please note they will be other upper key stage 2 classes in the same broadcast.

## *What if I don't have tablets to take part in the digital activities?*

Please get in touch with us and we will support and signpost you.

## *How do you ensure online safety of our pupils?*

The workshops are only broadcasted to schools who have signed up for the programme and links for each workshop are sent only to those teachers taking part in the specific workshop. We take a register and account for all classes and teachers joining a broadcast workshop and query those who are not on our list, even headteachers who are being curious! Based on the needs of your classes, we can also provide one to one advice on how to keep your pupils safe. When you sign up you will also receive a link to iOi Safeguarding Policy which includes how we manage Online Safety. If you have any concerns, please do not hesitate to get in touch.

## *What if we can no longer take part or a workshop clash with another school activity such as Sports Day or SATS?*

We ask that you get in touch with us as soon as possible. Although we hope that you can join us live online, we will also advise on how to take part in your own time. If you cannot take part at all, we ask you to let us know as soon as possible so that we can offer your place to another school on our waiting list.

We are a dynamic charity and social enterprise based in London designing and delivering award-winning learning experiences across the arts, sciences and digital technologies. Working nationally and internationally, our programmes have included partners such as The British Council, Micro:bit Foundation, TATE and LEGO among others. Our iOi Schools Programme and the accompanying activities are applicable to the following facets of the National Curriculum Framework in England and equivalent in Northern Ireland, Scotland and Wales. This is an inclusive programme with SEND adaptations.

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[www.ioi.london/schools](http://www.ioi.london/schools)



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