

Pi: Platform for Investigation

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Organiser Brief



Pi: Platform for Investigation is part of the Science and Industry Museum's Contemporary Science programme that will run for nine days during October half term. It is a platform for scientists, researchers and STEM professionals to demonstrate their work and research through high quality and participatory experiences, showcasing the latest developments in STEM (Science, Technology, Engineering and Mathematics).

Dates: Saturday 19, Sunday 20 and Sunday 27 October

Time: 10.30am – 3.30pm

Target audience: Family groups with children aged 7–14

Activity number: Approx 5 hands-on, drop in activities or demonstrations each Pi

What we consider when programming events

Interaction: Hands-on experiments, demonstrations and live science are key features for Pi. We want our visitors to actively interact and engage with STEM as they learn.

Innovation: Pi subjects should be exciting and ground-breaking. We want to bring current STEM developments to life and leave our visitors feeling inspired to learn more.

Visitor relevance: Pi should allow visitors to meet STEM professionals, learn about their jobs and help them to understand the impact of STEM on their daily lives.

SCIENCE+ INDUSTRY MUSEUM

Learning outcomes

We want our Pi visitors to get at least three of the following out of their experience:

- ✓ Learn a new fact about STEM
- ✓ Find out about someone who uses STEM in their work
- ✓ Understand the influence of STEM on their lives
- ✓ Have a conversation about a STEM topic
- ✓ Take away an example of a STEM-related activity they can do at home

Facilities

Activities will be delivered in the Conversation Space in the museum Textiles Gallery, which is an approximately 50m² area and has:

- 5 rectangular tables
- 30 stools
- 4 plug sockets
- 1 screen with media player for displaying digital content
- 2 comment boards that can be used to ask visitors feedback or for their responses to a key question
- Storage cupboards

What we need from you

- 5 drop-in, interactive activities or demonstrations targeted at family visitors around a specific theme e.g. genetics, nanoscience, robotics
- These should include at least one activity that is suitable for younger children e.g. crafts, colouring
- Resources that visitors can take away to encourage further learning e.g. leaflets, weblinks, activity kits
- A team of volunteers to deliver your activities (minimum 5 people)
- Health and safety documentation completed and returned by the given deadline

I'm interested. What should I do now?

Please contact Georgina Wells, Contemporary Science Programme Coordinator, with an outline of your topic and ideas for activities:

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