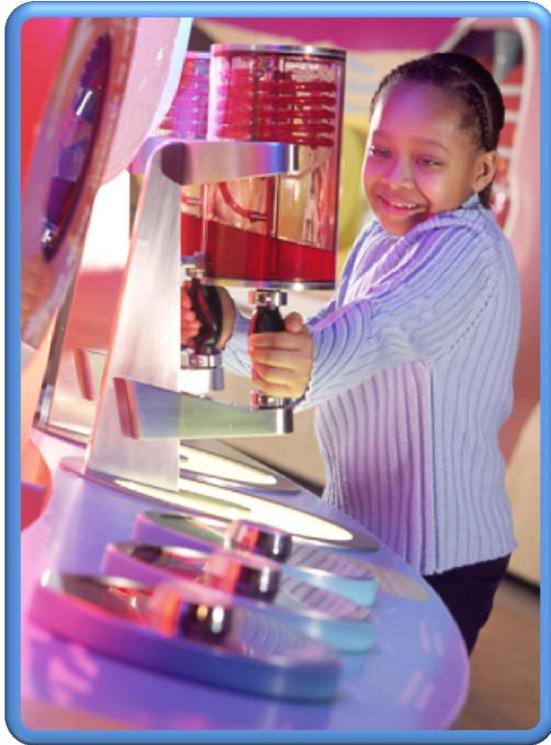




**thinktank**  
Birmingham science museum



# Home Educator Day

## Friday February 26<sup>th</sup>, 2016.

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- Information about home educator day
- List of sessions and descriptions
- Terms and conditions

[birminghamschools.org.uk](http://birminghamschools.org.uk)

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**Birmingham  
Museums**



### **Destination Space**

Our February Home Educator day will be following a 'Destination Space' theme with an out of this world day of activities that explore the science that has made astronaut Tim Peake's mission to the International Space Station possible.

The Destination Space program is backed by the UK Space Agency, who have joined forces with the European Space Agency's first British astronaut, Tim Peake, to provide children all over the UK with a unique opportunity to learn about human space flight and follow life on the International Space Station. The programme will celebrate the team behind Tim, highlighting great opportunities for young people across the science and space sector.

After an exciting day at the museum, families will be able to follow up with further activities to try at home.



### **Format and Cost**

This Home Educator Day will follow a slightly revised programme from previously. We are offering three packages, one each for under 8 years old, 8-11 years old, and over 12 years old. Each child will get to participate in a workshop, a planetarium show and a theatre show. These sessions will run between 10:30 and 16:30 and the slots will be filled on a first come first serve basis, if you have any special timing considerations please mention so in your booking and we will do our best to accommodate you.

The Home Educator Day costs £16.00 per child over the age of three (or £12.00 per child for season ticket holders). This price is the same price as a school attending a full day of activities would pay per child. There is one programme of activities for each age group,





To allow families a brilliant opportunity to share their learning and experiences of the day, each paying child is entitled to bring one free accompanying adult with them (additional adults will cost £5.96 each). Children must be supervised by an adult at all times and are only permitted to attend sessions which they have booked. Siblings under the age of 3 may accompany older siblings, however children under the age of eight are not permitted into the Science Laboratory.

We understand that in many families only one adult is able attend the Home Educator Day. In this situation we suggest that you could join up with another family for the day; one adult can supervise & support the children who are over 8 years of age, and one the children who are under 8 years of age.

Once you have read all about our sessions, please fill in the booking form (available on our website) and email it to:

[home.educators@birminghammuseums.org.uk](mailto:home.educators@birminghammuseums.org.uk)

On receipt of your booking it will be processed and you will be provided with a payment code and confirmation of your allocated sessions. Once you have a payment code phone 0121 348 8260 (Education Bookings Line) and pay for your booking, your sessions are not guaranteed until payment has been received. Bookings cannot be made over the phone.



On the day please arrive 15 minutes before the start of your first session, directions to Thinktank can be found at [www.birminghammuseums.org.uk/thinktank](http://www.birminghammuseums.org.uk/thinktank)

There will be a team of staff ready to meet you and provide a copy of your timetable just outside the main entrance to Thinktank on Level 2.

There is a charging car park next to Thinktank which is operated by the City Council. This is the closest place to park for the day. For information and prices please visit: [www.millenniumpoint.org.uk/visit-us](http://www.millenniumpoint.org.uk/visit-us)

There is a packed lunch area on Level 0 if you want to bring your own lunch. There will also be a café open in the same area selling hot and cold snacks.

Birmingham Museums have introduced a new 'Membership Plus' pass which will be available at a special discount of a third off on Home Educator Day.

Membership Plus entitles you to:

- Free entry to Thinktank, all heritage sites and to special exhibitions at Birmingham Museum and Art Gallery for a year
- 10% off items in the shop and the café
- Entry to special events
- Discount on future Home Educator Days.

The cost of the Membership Plus is:

**Family** Home Educator Day Price: £56.67 (Normal Price: £85)  
*(2 adults and 3 children)*

**Adult** Home Educator Day Price: £25.34 (Normal Price: £38)

**Child** Home Educator Day Price: £18.67 (Normal Price: £28)

**Concession** Home Educator Day Price: £18.67 (Normal Price: £28)

This offer will only be available on to visitors participating in Home Educator Day and must be purchased on the day; we have this offer available as we appreciate the financial restrictions of Home Education.

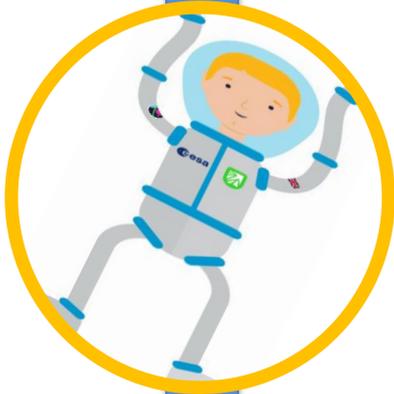
# Under 8s Programme



## **Night Dome**

What? Show  
Where? Planetarium, Level 3

See the sky filled with stars and watch as they change into pictures of the constellations. Listen to the story of the Great Bear and learn how to spot it in the real night sky. You will then fly past the earth, sun and moon and the rest of our solar system and find out fun facts about the planets.



## **Destination Space: One Big Journey**

What? Storytelling workshop  
Where? Banneker Classroom, Level 1

Join us for a mission to the International Space Station and meet the team of scientists back on Earth who make a space mission possible  
The exciting hands-on activities will include launching a rocket, building a spacesuit by looking at the properties of materials, and discovering how astronauts solve the problem of going to the toilet when everything floats!



## **Destination Space: Family Show**

What? Show  
Where? Theatre, Level 2

Explore what life is like for the entire space crew in our Destination Space family show celebrating astronaut Tim Peake's mission to the International Space Station. With amazing demonstrations we will investigate the science principles that get a rocket into space and explore the dangers faced by astronauts on a mission. We will expose model astronauts to the vacuum of space and the heat of re-entry and use a pressurized air rocket system to show the potential impact of space junk. This awe inspiring show is an out-of-this world experience not to be missed.

# Over 8s Programme



## Earth and Beyond

What? Show

Where? Planetarium, Level 3

We will enjoy a tour the Solar System immersed in 360-degree digital planetarium visuals. After a brief overview of the current night sky, we will fly into space to investigate Moon phases in detail and a look at the planets. We will then hand over to Tim Peake for a virtual tour of the International Space Station.



## Destination Space: To The ISS and Beyond

What? Workshop

Where? Curie Classroom, Level 1

This workshop 'recruits' and 'trains' the next generation of space explorers. We will complete simulated training activities to give an insight into the challenges astronauts face living and working in a microgravity environment. We will then investigate the absorptive properties of materials to decide which would be best for soaking up liquids on a spacewalk. Finally we will use robotic arms to carry out a simulated repair mission on the ISS.



## Destination Space: Family Show

What? Show

Where? Theatre, Level 2

Explore what life is like for the entire space crew in our Destination Space family show celebrating astronaut Tim Peake's mission to the International Space Station. With amazing demonstrations we will investigate the science principles that get a rocket into space and explore the dangers faced by astronauts on a mission. We will expose model astronauts to the vacuum of space and the heat of re-entry and use a pressurized air rocket system to show the potential impact of space junk. This awe inspiring show is an out-of-this world experience not to be missed.

# Over 12s Programme



## **Out Into Orbit**

What? Show

Where? Planetarium, Level 3

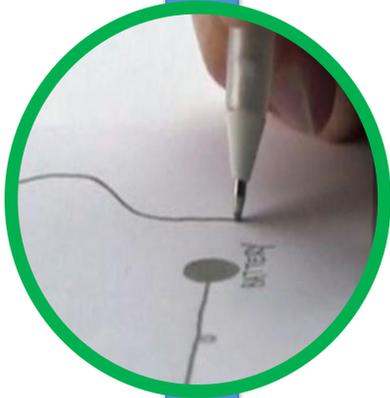
We will travel into space with a 360-degree rocket launch in our digital planetarium. Vivid immersive visuals are used by a knowledgeable astronomer to explain orbits, the seasons, Earth's rotation and Newton's 3rd Law of Motion. We will then hand over to Tim Peake for a virtual tour of the International Space Station.

## **Destination Space: Space Crew**

What? Workshop

Where? Attenborough Classroom, Level 1

This workshop provides hands-on space training tasks, exploring the skills needed to become a member of the Destination Space crew. Simulated training activities will give an insight into the challenges astronauts face living and working in a microgravity environment. We will investigate materials to find which is best at 'scrubbing' or absorbing carbon dioxide from the air and use state of the art conductive ink pens for an emergency repair mission on the wiring of the ISS.



## **Destination Space: Family Show**

What? Show

Where? Theatre, Level 2

Explore what life is like for the entire space crew in our Destination Space family show celebrating astronaut Tim Peake's mission to the International Space Station. With amazing demonstrations we will investigate the science principles that get a rocket into space and explore the dangers faced by astronauts on a mission. We will expose model astronauts to the vacuum of space and the heat of re-entry and use a pressurized air rocket system to show the potential impact of space junk. This awe inspiring show is an out-of-this world experience not to be missed.



## Conditions of your visit to Thinktank's Home Educator Day

**PLEASE ENSURE THAT ALL ACCOMPANYING PARENTS AND GUARDIANS HAVE READ THIS BEFORE YOUR VISIT TO THINKTANK.**

### Payment

Payment must be made by credit or debit card (we accept Visa, MasterCard, Maestro, Switch and Solo) no later than one week in advance of the Home Educator day. Admittance cannot be guaranteed if you have not paid in advance. If you cancel within 1 week of the Home Educator day, Thinktank will charge 50% of the total cost of your visit. Cancellations must be sent in writing.

### Conduct and Responsibilities

You are responsible for the supervision and conduct of your children at all times. It is important that children are never left unattended or allowed to wander around the building alone. Severely disruptive behaviour will lead to your family group being asked to leave Thinktank.

### Arrival

We strongly recommend that you arrive 15 minutes before the start of your planned itinerary. Please report to the Entrance on level 2. Here you will be met by our enabler team, who will confirm your itinerary and provide information about the day. If you arrive late, your itinerary starts at the time of your arrival. You will forfeit the itinerary up to that time and a replacement session may not be available.

### Cloakroom and Lunch

You may use the cloakroom on Level 2. Coats, bags and lunches can be left on these rails and you will be able to return to them at any time. Please note: Items are left at owner's risk, therefore, please keep any valuables with you. The packed lunch area is located on Level 0. Please note that there are toilets on all floors.

### Galleries, Workshops and Shows

All galleries in Thinktank are accessible from the main staircase in the centre of the building. Please refer to your Thinktank map for floor plans. Workshops take place in the classrooms, all of which are located on Level 1. All science shows take place in the Theatre on Level 2. Some sessions have age restrictions due to health and safety requirements. Because of this you may be asked to produce proof of your child's age to gain entry to a session. Children under 8 years of age are not permitted into the science laboratory.

Children will not be permitted into workshops, science shows or other activities if they are not supervised by an adult.

Each child is entitled to a free accompanying adult to ensure that this can happen.

### Planetarium Shows

The planetarium is located on Level 3 and shows are open to paying members of the public. Please arrive at the entrance in time for the start of your show. Latecomers are not admitted once the show has started.

If you have any problems during your visit, the enabler team are located in the galleries and will assist you in any way they can.

