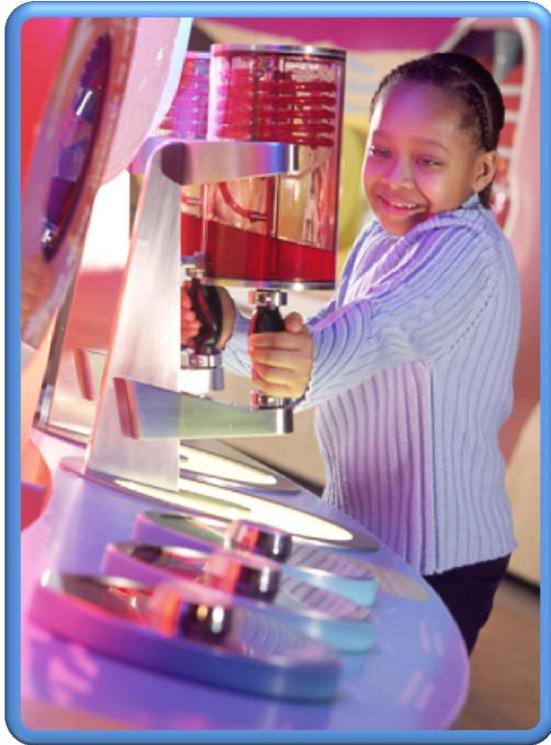




thinktank
Birmingham science museum



Home Educator Day

Thursday 24 May, 2018.

Contents

- Information about Home Educator Day
- List of sessions and descriptions
- Terms and conditions

birminghamschools.org.uk

Funded by



Supported using public funding by
**ARTS COUNCIL
ENGLAND**



**Birmingham
Museums**

Theme: LEGO

Come and join us on the 24th May as we introduce you to some of our fabulous new LEGO Education Kits.

Format and Cost

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 and a planetarium show. These sessions will run between 10:30 and 16:30 and the slots will be filled on a first-come, first-served basis. If you have any special timing considerations please mention so at the time of booking and we will do our best to accommodate you.

The Home Educator Day costs £12.50 per child over the age of three (or £8 per child for Membership PLUS holders). This price is the same price as a school attending a 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 £10 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 8 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 and support the children who are over 8 years of age, and one the children who are under 8 years of age.

Booking

Once you have read all about our sessions, please visit:

tickets.birminghammuseums.org.uk/WebStore/shop/ViewItems.aspx?CG=TTHE&C=TTHE

Bookings cannot be made over the phone.

Your day's Itinerary will be emailed to you on the week of the 14th May.



education

I N N O V A T I O N S T U D I O

On the day

On the day please arrive at least 15 minutes before the start of your first session, directions to Thinktank can be found at

www.birminghammuseums.org.uk/thinktank/visit

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 Birmingham City Council. This is the closest place to park for the day. For information and prices please visit:

www.birmingham.gov.uk/directory_record/6674/millennium_point_multi-storey_car_park

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.

Membership Plus

Birmingham Museums have a 'Membership Plus' pass which will be available at a special discounted rate 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.
- Discount on future Home Educator Days.

The cost of the Membership Plus is:

Family Home Educator Day Price: £60.00 (Normal Price: £90)
(2 adults and 3 children)

Adult Home Educator Day Price: £26.67 (Normal Price: £40)

Child Home Educator Day Price: £20.00 (Normal Price: £30)

Concession Home Educator Day Price: £20.00 (Normal Price: £30)

This offer will only be available 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 8 Years Old Programme



Simple Machines: Great Gears

What? Workshop

Where? Banneker Classroom, Level 1

Challenge yourself to build toys that actually work, see how useful gears can be. You will build gear driven spinning tops, mechanical robots and experiment with different sized gears to see what effects they have to the different moving parts.

This fun workshop uses LEGO Duplo and specialised kit to create a fun and exciting learning experience.

Night Dome

What? Show

Where? Planetarium, Level 3

Take a magical journey through the night sky with your children, in this presenter-led 360 degree planetarium show.

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'll then fly past the earth, sun and moon and the rest of our solar system and find out fun facts about the planets.

This session will also contain the wonderful Star Gazers experience that uses high quality images and videos to show of the wonders of space and the universe.

miniBrum Consultation

We need your creative ideas! Here at Thinktank we present to you miniBrum, a whole new gallery for under 8's exploring our marvellous city. Join us to create your own mini Birmingham and help us to design this exciting new space. From towering skyscrapers to winding canals and the construction of underground pipes and railways, what do you think needs to be in our city? How is our city made? What will our city look like in the future?

There will also be a drop-in family arts and crafts activity – details will be provided on the day.

8-11 Years Old Programme



Earth and Beyond

What? Show

Where? Planetarium, Level 3

View the night sky as never before, in this presenter-led 360 degree planetarium show.

Your children will learn about the stars and constellations visible that night and discover how to spot planets in the sky.

They will then find out about the movements of the Earth, Moon and Sun and learn why we have seasons, leap years and lunar phases. The session finishes with an inspirational flight through space. Plus a question and answer session on astronomy with our planetarium learning officer.

LEGO® WeDo 2.0

What? Workshop

Where? LEGO® Education Innovation Studio, Level 2

Awaken your curiosity, science and computing skills with a LEGO® WeDo 2.0 session.

Learn how to identify problems, come up with solutions and how to build and code to test your own ideas. By using the LEGO® Education WeDo 2.0 equipment you will have a great STEM learning experience as well as an enjoyable one.

Using our fabulous new LEGO® Education Innovation Studio, you can have a creative building session like no other. Using specialist LEGO® Education kits you will discover new ways of learning as you build, play and work together.

There will also be a drop-in family arts and crafts activity – details will be provided on the day.



Over 12 Years Old Programme



Earth and Beyond

What? Show

Where? Planetarium, Level 3

View the night sky as never before, in this presenter-led 360 degree planetarium show.

Your children will learn about the stars and constellations visible that night and discover how to spot planets in the sky.

They will then find out about the movements of the Earth, Moon and Sun and learn why we have seasons, leap years and lunar phases. The session finishes with an inspirational flight through space. Plus a question and answer session on astronomy with our planetarium learning officer.

LEGO® Mechanical Machines

What? Workshop

Where? LEGO® Education Innovation Studio, Level 2

Can you build the best mechanical car? All participants will follow the same build guide to produce identical cars. Once built your real challenge will be to modify the car to make one that can travel further than anyone else's!

Will your designs help or hinder your chances and beware – there are some rules which must be followed to ensure a fair competition! This session focuses on building, experimenting and testing in a limited time period that will challenge all participants.

There will also be a drop-in family arts and crafts activity – details will be provided on the day.



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.

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.

Payment

Payment must be made by credit or debit card (we accept Visa, MasterCard, Maestro, Switch and Solo). 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.

Arrival

We strongly recommend that you arrive at least 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. 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.