

# Science Lab!

**FREE STEM Inspired Activities**



**To celebrate British Science Week, Science Lab returns to Bedford on Saturday 7<sup>th</sup> March 2020.**

You'll find a host of amazing hands-on STEM activities, ready to inspire the scientists, engineers and inventors of the future!

## In the Foyer and Courtyard HANDS-ON SCIENCE



Bedford Modern  
School Teachers

and students will be bringing Science to life with a series of hands on activities and exciting demonstrations with BSL interpretation by Access Bedford.

10.30 Whoosh Bottle & Magic Wine

11.30 Screaming Jelly Baby with BSL

12.30 Elephant's Toothpaste with BSL

1.30 Whoosh Bottle & Magic Wine  
with BSL

2.30 Elephant's Toothpaste

3.30 Screaming Jelly Baby & Magic Wine

## In the Foyer GEOLOGY ROCKS

Join the experts from the Bedfordshire Geological Society to learn about the rocks and fossils of our past.

## In Settlement Gallery MANAGING THE ENVIRONMENTAL IMPACT OF MAJOR CONSTRUCTION PROJECTS' WITH RSK

How do we assess, avoid and mitigate environmental impacts using science, technology, engineering and maths?

## DEAF AWARENESS CHALLENGE WITH ACCESS BEDFORD



Have a go at lip-reading and finger spelling in BSL with the team from Access Bedford.



## In Barbican Studio

### BIODETECTIVES WITH SPD



Clearblue

Learn about how we can use antibodies to find out what is going on in our bodies. Discover how a simple and quick test can be used to diagnose an infection or detect a medicine in a single step using our giant antibody bowling alley and our 3D jigsaw puzzles and have a go at running some antibody-based tests to investigate which patients are infected.

### HANDS-ON STEM WITH BEDFORD GIRLS' SCHOOL



BEDFORD  
GIRLS'  
SCHOOL

The team from Bedford Girls' School will be running a number of science-themed activities involving Solar Panels, Chemical Curiosities and Augmented Reality.

## In the Sir William Harpur Gallery

### FLUID POWER WITH BOSCH REXROTH



A Bosch Company

Join the team at Bosch Rexroth Ltd to help them create stomp rockets, air-powered model cars, balloon-helicopters, zipwires and much more!

### SUPERSTRUCTURES!



Come along and see how structures are built that stand for 100s of years, and then have a go at building one for yourself!



## In the Sir William Harpur Gallery

### PAPER AEROPLANES WITH CRANFIELD UNIVERSITY



Challenge yourself to make amazing paper planes and see

if you can hit the target when you fly them.

### POND DETECTIVES WITH BEDFORD SCHOOL



Investigate amazing but tiny pond

invertebrates with microscopes and magnifying glasses.

### HYBRID AIR VEHICLES



Hybrid Air Vehicles is the company

behind the innovative Airlander hybrid aircraft. Think like an Airlander engineer and put your science to the test by calculating how much weight your balloon can lift.

## In Harpur Studio

### DRY-ICE VOLCANOS WITH LITTLE SCIENCE LABS

#### Booking Essential –

call 01234 718618 or email [thehiggins@bedford.gov.uk](mailto:thehiggins@bedford.gov.uk)



Our junior scientists will learn some hands-on chemistry and make your own dry ice volcanoes!

Sessions at

10am, 10.45am, 11.30am

1pm, 1.45pm, 2.30pm, 3.15pm





## POP-UP PLANETARIUM

**Booking Essential** – contact Bedford Central Library for session times and to book your place 01234 718178

Take a tour of the Solar System, celebrate the Moon Landings, and explore Space with the Planetarium.



## SCIENCE LAB SATURDAY CRAFTS

Visit the team at Bedford Borough Libraries for crafting fun with a space theme!

11am – 1pm: Make a rocket

2pm – 4pm: Make an alien mask

## At John Bunyan Museum

### TEACHING TALONS!

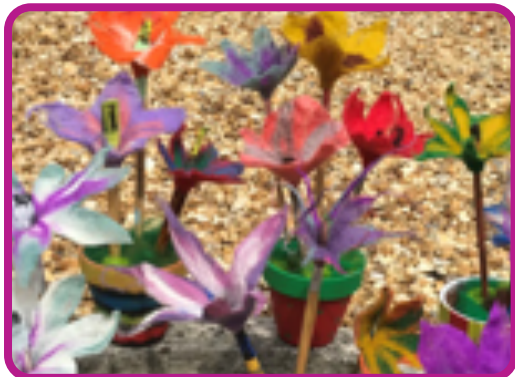


#### Drop-in 10.30 – 2pm

The ever-popular Teaching Talons team is back with their brilliant animal encounter sessions.

## At Basement @ Bunyan

### FLORAL FELT-MAKING



#### Drop-in 10.30am – 3.30pm

Join Anne-Marie Abbate in a fun and relaxing felt-making activity - have a go at turning sheep's wool into cloth using only friction, and create stunning felt flowers.

## At The Panacea Museum

### FROM MULBERRY TO YGGDRASIL: A GARDEN TOUR

10.30am, 12.30pm & 2pm Suitable for ages 7 and up.

Meet next to the iron gates in The Higgins courtyard. An in-depth look at the Castle Gardens (outside The Higgins) and the Panacea Museum gardens.

Discover how to measure a Beech tree, and meet Yggdrasil, a very special tree. <https://www.eventbrite.com/e/free-garden-tour-bedpop-science-labs-tickets-94402940737>



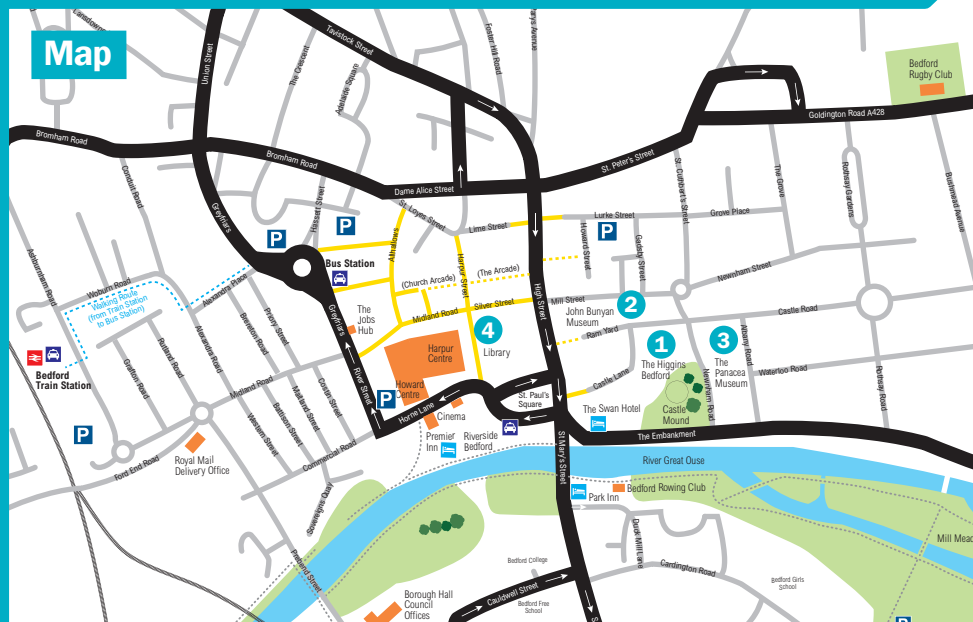
### MAGIC MONOPRINTS

**Drop-in 12pm - 3pm**

Join friendly volunteers to make monoprints inspired by the Panacea Gardens using the 1857 Printing Press. Suitable for all ages.



## Map



## Locations

- 1** The Higgins Bedford  
Castle Lane  
Bedford, MK40 3XD  
Tel: 01234 718618  
[www.thehigginsbedford.org.uk](http://www.thehigginsbedford.org.uk)  
Open: **10am to 5pm**
- 2** John Bunyan Museum and Basement  
@ Bunyan. Mill Street, Bedford  
MK40 3EU. Tel: 01234 270303  
[www.bunyanmeeting.co.uk/museum](http://www.bunyanmeeting.co.uk/museum)  
[www.bunyanmeeting.co.uk/basement-at-bunyan](http://www.bunyanmeeting.co.uk/basement-at-bunyan) Open: **10:30am to 4pm**
- 3** The Panacea Museum  
9 Newnham Road  
Bedford, MK40 3NX  
Tel: 01234 353178  
[www.panaceamuseum.org](http://www.panaceamuseum.org)  
Open: **10am to 4pm**
- 4** Bedford Central Library  
Harpur Street  
Bedford, MK40 1PG  
Tel: 01234 718178  
[www.virtual-library.cultural-services.net](http://www.virtual-library.cultural-services.net)  
Open: **10am to 5pm**