

Enginuity Home Educator Day

16th March 2015

Theatre

Electricity Show @ 10.30am (approx. 45 mins)

Find out about the history and science of how humans have learnt to harness the power of electricity through fun interactive demonstrations and experiments. By the end of the show you will know why it is unwise to fly a kite in a thunderstorm, how an electromagnetic generator works, why gherkins make terrible lightbulbs, and how to make a human circuit!

Wicked Weather Show @ 11.30am (approx. 25 mins)

During this short show, you will gain a whistle-stop insight into how thunderstorms and tornadoes are formed, why it always feels windy by the sea, and how to make a cloud in a bottle.

Forces Show @ 1.30pm (approx. 45 mins)

Learn all about Gravity, Friction, Air Resistance and Thrust in this exciting interactive show. A favourite with all our visitors.

Booking for shows on arrival. First come, first served.

Gadgetdom

Jitterbug Drop ins 10am-12noon & 1pm-2.30pm

Drop in to Gadgetdom and make your own shuffling shaking Jitterbug. Assemble a circuit, construct a base, and then let your creativity do the rest!

Pneumatic Monsters drop in 11.30-1pm

Pneumatics is the use of air. In this workshop Presenters will help you to construct your own pneumatic system and use craft materials to turn it into a fun toy. Perhaps you will make a hungry frog or a jumping Jack in the Box.

FAB LAB

Personalised key ring drop in workshop 10am-2.30pm

Have an image of your face etched onto a keyring on our laser cutter (approx 10 keyrings per hour, sign up sheet in FAB LAB on the day)

Main Museum

Enginuity trail sheet 10am-5pm

Focus your learning experience using an Enginuity Trail whilst you make your way around the exhibits. Trails available at the Manufacturing Desk.

Lunch can be purchased from the Museum of Iron café, or participants are welcome to bring their own to eat at Enginuity in designated lunch spaces.