



**WEEK 1**  
**24-28 Jul**

**WEEK 2**  
**31-4 Aug**

**WEEK 3**  
**7-11 Aug**

**WEEK 4**  
**14-18 Aug**

**WEEK 5**  
**21-25 Aug\***

AGE  
**7-8**

It's all in your head	Tue
Probability and game shows	Tue
Intro to BBC Micro:bit	Wed
Discovering Pascal's triangle	Thu
Fractal fun	Fri

Mathemagics	Mon
Cosmetic chemistry	Mon
Building with STIXX	Tue
Codes and ciphers	Tue
Fantastic plastic	Wed
Codes and ciphers	Thu
Extract your own DNA	Thu

Stories from maths	Mon
Curious curves	Tue
Colour chemistry	Tue
Exploring geometric patterns	Thu
Feel the power	Fri

Building and coding with lego x2	Mon
AI, but where is the intelligence	Mon
Exploring the solar system	Wed
Networks	Fri
Magic of computer science	Fri
Extract your DNA	Fri

Extract your own DNA	Mon
1.618: the golden ratio x2	Thu
The maths and science of bubbles	Thu
Cosmetic chemistry	Thu
Playing games with maths	Fri
The ultimate recycling challenge	Fri
Cosmetic chemistry	Tue 29*

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**9-11**

It's all in your head	Tue
Probability and game shows	Tue
Intro to BBC Micro:bit	Wed
Magnets and motors	Wed
Discovering Pascal's triangle	Thu
Fractal fun	Fri

Mathemagics	Mon
Investigations with Pascal's triangle	Mon
Building with STIXX	Tue
Codes and ciphers	Tue
Cosmetic chemistry	Tue
Geometry, code and embroidery x 2	Wed
Fantastic plastic	Wed
Codes and ciphers	Thu
Polygons, polyhedrons, flexagons and topology	Fri

Stories from maths	Mon
Hexagons x 2	Mon
Cosmetic chemistry	Mon
Curious curves	Tue
Drawing Islamic geometric patterns	Thu
Feel the power	Fri

Adventures in topology x2	Mon
AI, but where is the intelligence	Mon
Lego robotic explorers	Tue
Exploring the solar system	Wed
Networks	Fri
Magic of computer science	Fri
Extract DNA	Fri

Extract your own DNA	Mon
Electrical circuits x2	Thu
The maths and science of bubbles	Thu
Cosmetic chemistry	Fri
Playing games with maths	Fri
The ultimate recycling challenge	Fri
Cosmetic chemistry	Wed 30*

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**12-14**

Magnets and motors	Tue
The mathematics of TV game shows	Wed
Making music and sound with BBC Micro:bit	Thu
Card tricks, computing and domino circuits	Fri

Where is engineering?	Tue
Patterns and predictions	Wed
Stories from maths	Thu
Forensics	Fri

Introduction to Space Science	Tue
Drawing and painting Islamic geometric patterns	Wed
Colour chemistry	Thu

Forensics	Tue
Skateboards to starships	Tue
Lego robotic explorers	Wed
Lego robotic explorers	Thu

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**15-18**

Magnets and motors	Thu
Rapid robot development	Fri

Stories from maths	Fri
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Introduction to robotics	Mon - Fri
Adventures in topology	Wed
Colour chemistry	Fri

An expanding Universe of knowledge	Tue
Bacterial evolution	Wed
Skateboards to starships	Thu

Game, SET, maths	Fri
Forensics	Fri 1 Sep*

\*some workshops are in the week commencing 29 August