

WEEK 1
25–29 Jul

WEEK 2
1–5 Aug

WEEK 3
8–12 Aug

WEEK 4
15–19 Aug

WEEK 5
22–26 Aug*

AGE
7–9

Magic squares	Mon
Beyond Sudoku	Tue
The Maths and Science of Bubbles x2	Tue
Hide and seek in space	Wed
1.618: the golden ratio x2	Thu
Fabulous fractals x2	Fri

Cosmetic chemistry	Tue
Codes and ciphers	Tue
Building with STIXX	Tue
It's all in your head	Wed
Codes and ciphers	Thu

Spectacular colour chemistry	Mon
ScratchMaths	Tue
The mathematics of rainbows	Tue
Anamorphic art	Wed
Chases and escapes	Thu
Extract your own DNA	Thu

The magic of computer science	Mon
AI, but where is the intelligence	Tue
Intro to BBC Micro:bit	Wed
ScratchMaths	Thu

Fantastic plastic	Mon
Becoming a useability expert	Mon
Building with STIXX	Tue
Mathemagics	Thu
Cosmetic chemistry	Thu
Networks	Fri
Cosmetic chemistry	Tue 30*
Extract your own DNA	Thu 1*

AGE
10–12

Magic squares	Mon
Beyond Sudoku	Tue
Hide and seek in space	Wed
Crash testing x 2	Thu
Hexagons x2	Fri

Investigations with Pascal's triangle	Mon
Codes and ciphers	Tue
Building with STIXX	Tue
It's all in your head	Wed
Cosmetic chemistry	Wed
Codes and ciphers	Thu
Probability and game shows x2	Thu
Polygons, Polyhedrons Flexagons and Topology	Fri

The mathematics of rainbows	Tue
ScratchMaths	Tue
Anamorphic art	Wed
Chases and escapes	Thu
Geometry, code and embroidery x2	Thu
Extract your own DNA	Fri

The magic of computer science	Mon
AI, but where is the intelligence	Tue
Magnets and motors	Tue
Intro to BBC Micro:bit	Wed
ScratchMaths	Thu
Loudspeakers and acoustics x 2	Fri

Becoming a useability expert	Mon
Fantastic plastic	Mon
Building with STIXX	Tue
Electrical circuits x2	Wed
Drawing Islamic geometry x 2	Thu
Mathemagics	Thu
Cosmetic chemistry	Fri
Networks	Fri
Cosmetic chemistry	Wed 31*
Extract your own DNA	Fri 2*

AGE
13–15

Introduction to Space Science	Fri
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Patterns and predictions	Wed
Stories from maths	Thu
Spectacular colour chemistry	Fri

Forensics	Tue
Where is engineering?	Wed
How big is the Universe?	Fri

Making music and sound with BBC Micro:bit	Tue
Magnets and motors	Fri

Forensics	Mon
Drawing Islamic geometry	Wed
Skateboards to starships	Fri

AGE
16–18

An expanding Universe of Knowledge	Mon
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Spectacular colour chemistry	Thu
The mathematics of TV game shows	Fri

Introduction to Space Science	Mon
Forensics	Wed
Introduction to robotics	Mon-Fri

Magnets and motors	Wed
Stories from maths	Thu
Mathematics for astronomers	Fri

Bacterial evolution	Tue
Skateboards to starships	Thu

*some workshops are in the week commencing 29 August