

# Mathematics and the More Able

## A practical one-day course for Primary Teachers and Gifted and Talented Co-ordinators

**Tutor: Sue Lowndes**

*“Schools should focus on matching teaching to the individual needs of all pupils, including gifted and talented pupils”*

*Ofsted, Gifted and talented pupils in schools, December 2009*

NACE and Rising Stars invite you to a brand new, one-day course created to give delegates practical, hands-on training in supporting more able pupils in mathematics.

The training sessions will use the renowned *Brain Academy* range of resources for able, gifted and talented pupils and will give a host of ideas and suggestions for you to take back to use in your school.

Each session will give you the tools you need to challenge and extend more able mathematicians inclusively, which will enable you to:

- create a shared context for learners of all abilities
- pose problems that create challenge in the classroom
- develop high quality dialogue with learners to probe and extend their understanding as you teach

As this is a practical training experience, places are strictly limited to 30 per session.

### The Programme

The day will consist of four main sessions, with opportunities for hands-on practice and interaction with the tutor.

**1 Using and applying maths:** increase your understanding of the key principles of mathematical problem solving, communication, reasoning, proof and logic.

**2 Algebra:** see how deeper understanding of algebraic function underpins exploratory learning and problem solving.

**3 Place value and number bases:** a focus on how forming new links between concepts can be used to create particular challenge.

**4 Shape and space:** activities to enable learners to predict and make suggestions that will stretch and extend their thinking.

### Target audience

Key Stage 2 teachers, Maths Co-ordinators, G&T Co-ordinators, HLTAs or Teaching Assistants working with groups of able mathematicians

### Dates

Tuesday 27th April  
Thursday 6th May

### Venue

Milton Hill House, Abingdon,  
Oxfordshire

These are full day sessions, beginning with registration at 9.00 for a 9.30 start, and finishing at 4.00

### Price

£150 + VAT per delegate  
(includes lunch and refreshments)

### How to Book

Call us on 01235 828280 or  
fax the booking form to 01235 828281

Post your booking to NACE, National Association for Able Children in Education, The Core Business Centre, Milton Hill, Abingdon, Oxon OX13 6AB

Email us at [naceevents@nace.co.uk](mailto:naceevents@nace.co.uk)

Book online at [www.nace.co.uk](http://www.nace.co.uk)

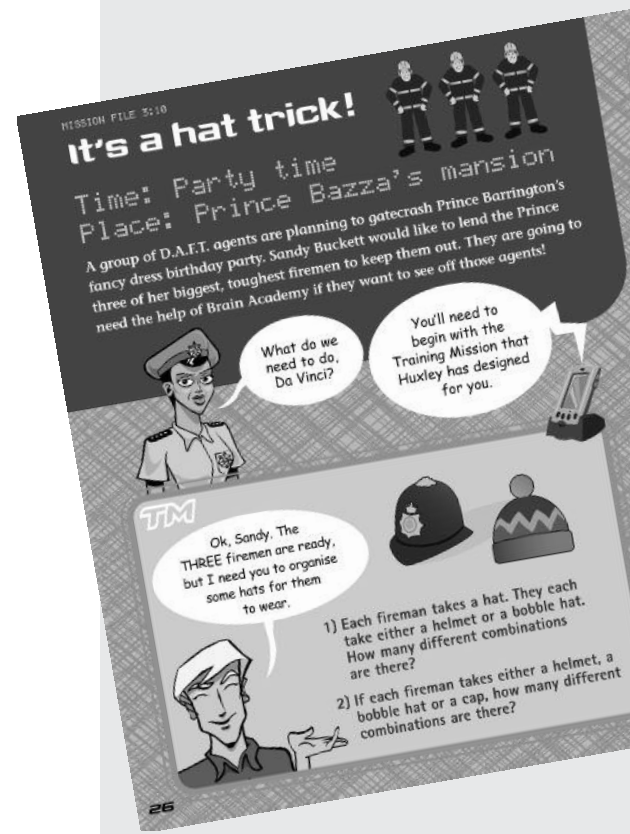
Includes FREE  
*Brain Academy Supermaths*  
books for every delegate  
(worth £60)



The training sessions will be run by Sue Lowndes, an experienced NACE tutor.

Sue is passionate about enabling others to experience the joy of maths so that they can confidently challenge, excite and extend learners. Having worked as a consultant on the *Brain Academy Maths* series, Sue is able to draw on her specialist understanding of the materials to run this series of exciting and hands-on training sessions for teachers.

Sue understands the demands of the classroom well and the barriers that many staff face in teaching very able pupils in mixed ability classes. She draws on an in-depth understanding of each phase of education to support the design of her training. She has extensive experience as a practitioner, first in primary phase education and then across Key Stages 3 and 4. More recently she has worked in Early Years.



## Booking Form

I would like to book places on the NACE/Rising Stars training sessions  
*Mathematics and the More Able*

Venue	Date	No of delegates
Milton Hill House, Abingdon, Oxfordshire	27th April	
Milton Hill House, Abingdon, Oxfordshire	6th May	
<b>Total cost @ £150 + £26.25 VAT per delegate</b>		

Delegate name (s)

.....

.....

.....

.....

Job title

.....

School name

.....

Address

.....

.....

.....

Postcode

.....

Tel no

.....

Fax no

.....

Email address

.....

Order no (optional)

.....

An invoice will be sent to your school finance officer, but if you want to send a cheque with your booking please make it payable to NACE and send it to the address on the right.

### Booking terms:

- 1 Delegate names can be substituted at any time.
- 2 Bookings can be cancelled without charge provided written notice is received 10 working days before the course takes place.
- 3 If written notice is received less than 10 working days before the course, 100% of the course fee is payable.

### NACE

National Association for Able Children  
in Education

The Core Business Centre

Milton Hill

Abingdon

Oxon

OX13 6AB

Tel: 01235 828280

Fax: 01235 828281

[www.nace.co.uk](http://www.nace.co.uk)

**nace**  
National Association  
for Able Children  
in Education

**RISE★STARS**  
Educational Publishing Specialists