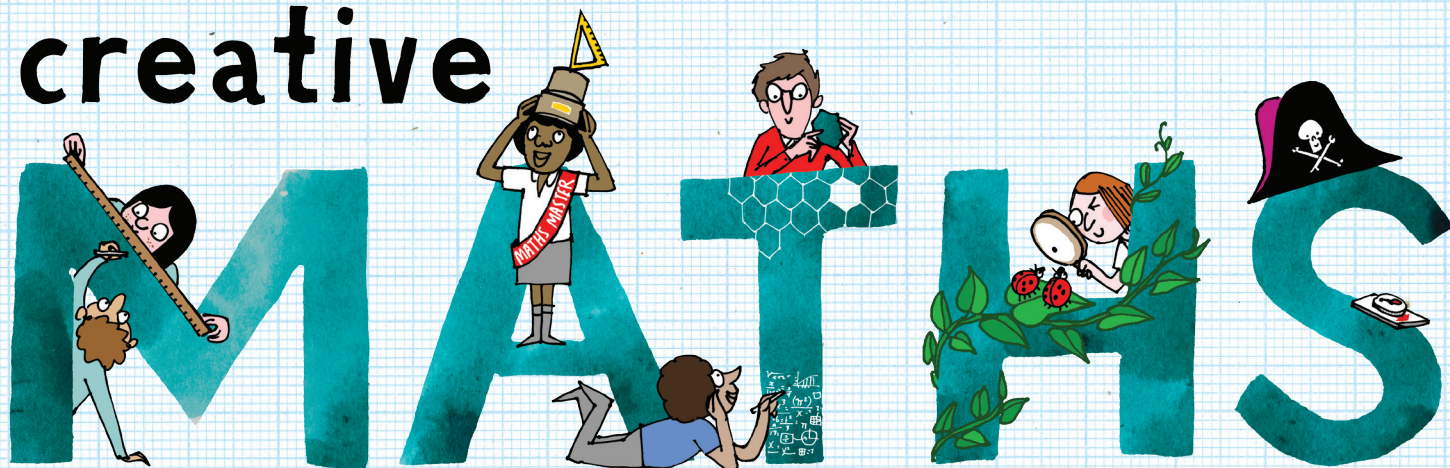


creative



workshops for EYFS - KS2

as creatives' workshops provide a fantastic springboard for raising the profile of maths in schools. Rooted in the national curriculum, our programmes exist in formats for all ages and abilities, placing fluency, reasoning and problem solving in context.

Amongst the many options you can choose from, including programmes allowing us to work with an entire three-form entry school in just one day, are...

- ☆ **Pirate Maths**
- ☆ **CSI: Maths**
- ☆ **The Race into Space**
- ☆ **Outdoor Maths**
- ☆ **Family Maths**
- ☆ **Teacher CPD**

PERFECT
for your
MATHS
Week!

as creatives' immersive approaches engage even the most reluctant mathematicians, offering pupils fun and exciting environments in which to practise their skills.



"5* – it was a wonderful way to engage and motivate the children with problem solving and reasoning. We would definitely book again!"

Riverview Primary

Challenging and engaging, our maths experiences have been enjoyed by more than 150,000 children across the UK in the last two years alone. To see the full range of Creative Maths programmes on offer, please visit www.as-creatives.com, email us at info@as-creatives.com or call our office on 0151 708 8886.

as
creatives
think differently

www www.as-creatives.com

@ info@as-creatives.com

 @ascreatives

The Pirate's Challenge

Having piratical fun with numbers and shapes for up to 60 students at a time!

When Captain Richard Morgan arrives at school, he'll be more than a little confused. Because just a few hours beforehand he'll have been on his pirate vessel, **The Good Ship Mathematics**, in the middle of the Caribbean! Swept to your school by a Time Tornado, he'll need the pupils' help to get back to his own time and place. Are they up to the Challenge? And it's a Challenge that will test their understanding of number, shape and direction to the max.



Exploring: additive and multiplicative reasoning, fractions, number patterns, mental and written calculation, elimination, 2D and 3D shapes, measurement, interpreting data, positional language, co-ordinates.

Captain Morgan and the Maths Monster

Using understanding of knowledge and shape to best a creature from the deep!

You've already helped Captain Richard Morgan crack The Pirate's Challenge, so now he's back with another mystery to solve – what exactly is the monster that's been attacking the pirate village on Number Island? No-one's ever seen it – but it's left plenty of clues in its wake. By measuring its paw-print, examining its poo and analysing its bite, your pupils will be able to use our unique Shape Sets to create an accurate picture of the beast – and help Captain Morgan devise a cunning plan to defeat it!

Exploring: measurements, number investigations, additive and multiplicative reasoning, time, positional language, properties of 2D and 3D shapes, problem solving.

The Captain's Conundrum

A pirate-themed whole school maths challenge



Captain Richard Morgan, of the Good Ship Mathematics, has a conundrum ... he knows that there's treasure to be found on Cloud Island, he has a map – and he has a set of clues. But they're clues he can make neither head nor tail of. He'll meet all the children at an assembly and challenge them to conquer his conundrum.

During the course of the day, the Captain will give each year group a set of clues to unearth a particular piece of treasure. Then everyone reconvenes at the end of the day to share their findings. Content is in line with the National Curriculum requirements and will include different, age-appropriate activities for each year group.

Exploring: both additive and multiplicative reasoning, fractions, number patterns, mental and written calculation, elimination, 2D and 3D shapes, measurement, interpreting data, positional language, co-ordinates.

Our Pirate Maths workshops can accommodate large numbers of pupils throughout the day and represent fantastic value for money. We love delivering these workshops in schools across the UK and they come highly recommended from teachers across the UK. You can view lots of lovely feedback on our website!





CSI: Storyland (EYFS - Year 2)

With the help of the elves, the Shoemaker's fortunes have been restored – and all is well in Storyland. Until, that is, his precious last is stolen! Which of his neighbours could have taken it? After using storytelling techniques to introduce pupils to the crime and the suspects, we'll share with them a range of clues left at the scene. They'll then use their sorting and numeracy skills to reveal the identity of the miscreant!

CSI: Michaela Maths (Years 3 - 6)

If it hadn't been for the quick thinking of one of her teammates, Michaela Maths, one of Britain's most promising young sporting stars would be dead – slain by an unseen hand! The police are baffled by the dastardly deed – and want the children's help in solving it. Having been introduced to the crime, the suspects and their motives, pupils will work in teams, probing a range of mathematical skills. Taken together, these lead to the suspects being eliminated, one by one – until, if all the calculations are correct, the criminal is unmasked.

CSI: Bake Off (Years 3 - 6)

All is not well in the world of the Bake Off – one of the judges, Saul Pinewood, has had food poisoning – and he knows it wasn't an accident! He's narrowed the field down to six suspects – and hopes that pupils can use their understanding of fractions, percentages and measurements to help him take the final step.

CSI: Tunes (Years 3 - 6)

Music industry mogul Harvey Wilson has made more than a few enemies in his time – and now one of them has succeeded in making life difficult for him! So who was it who hacked into Harvey's precious database, deleting all his business contacts in one fell swoop? Means, motive and opportunity will all have to be factored in as pupils investigate this calculated act of sabotage. This exciting and fast-paced workshop invites pupils to pit their wits against the criminal by using their data handling and number skills to reveal his – or her – identity.

Our CSI: Maths workshops exist in a range of formats - from 30 minutes to half a day. We'll work with you to choose the best options to suit your needs.

Other CSI: Maths programmes include:

CSI: Ancient Greek Maths, CSI: Saxon Maths and CSI: Olympics. The full range can be found on our website www.as-creatives.com.

CSI: Maths is one of our most popular ranges of workshops – offering pupils opportunities to apply their skills in, and understanding of, shape and measurement in a unique environment. Each workshop can accommodate up to 30 pupils per session.



The Race into Space

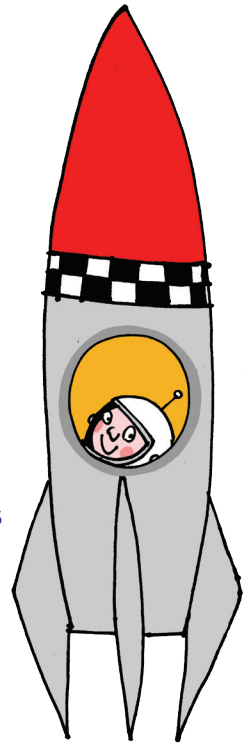
Creative maths for up to 420 pupils in a single day!

The search is on for Britain's next astronaut – and Major Tom wants your pupils' help in selecting the best person for the job. He's found six well-suited candidates, all with different qualifications – but it's up to you to decide which one will win The Race into Space!

After meeting the Major at an opening assembly, and being introduced to the would-be astronauts, each class will be issued with a Mission: to use their maths skills to rank the candidates on one of a number of qualities. Each Mission calls on pupils to demonstrate mathematical fluency, reasoning and problem-solving abilities. The Major will be on hand to visit each classroom with some vital, additional information – and the programme ends with a second assembly in which each class reports back its findings and helps whittle the field down to just one: Britain's next astronaut.

This exciting and engaging workshop provides an ideal platform for one or two-form entry schools to enjoy a shared maths experience – and learn something about the science of space travel too!

Exploring: a range of skills in data handling and/or numerical operations and/or understanding shape – selected for each year group in line with National Curriculum objectives.



Murderous Maths

Interactive problem solving for up to 180 pupils (with follow-up workshops for up to 90)

It's exactly 100 years to the day since the grisly demise of Puffing Billy – and this unique workshop allows up to 180 children from Years 1 to 6 attempt to crack the case at the same time. After everyone's been introduced to the crime scene, the victim and the suspects (and been armed with Evidence Booklets), children will take part in a series of age-differentiated challenges – revolving around such clues as omnibus tickets, diaries and timepieces. As pupils practise their maths skills, the suspects will be whittled down one by one – until only the criminal remains.

But there's still more to do – because there's yet another Maths Mystery to be unravelled. A job that will be undertaken in up to three follow-up workshops, each for up to 30 pupils.

Murderous Maths can also be adapted to cater for the needs of two (or even three) form entry schools.

Exploring (according to age): positional language, properties of 2D and 3D shapes, additive and multiplicative reasoning, fractions, number patterns, time, multi-stage problem solving, money, data collection.

In addition to our Creative Maths programmes *as creatives* deliver workshops that cover a wide range of subjects and topic areas, including Creative Science, Literacy, History, Shakespeare, Poetry, Enterprise, Learning Outside the Classroom and Teacher CPD!



Outdoor Maths

Outdoor spaces provide wonderful opportunities to explore how numbers and shapes create both the built and natural worlds. So our engaging (and very active!) outdoor maths workshops, which feature a range of tried and tested all fresco activities, bring home the relevance of numeracy to our everyday lives – and provide lots of scope for problem solving too!

We have developed age-appropriate activities for all year groups from Nursery to Year 6, including our specially designed portable **Outdoor Maths Trail** - allowing us to offer open air workshops over a whole range of timescales.



Exploring (depending on time, age and group size): maths-in-context, maths language, number investigations, additive and multiplicative reasoning, number sequences and patterns, shape investigations, properties of 2D and 3D shapes, positional language, measurements, data collection, presentation and interpretation.

Family Maths

Mathematical Fun for all the family!

We all know how much family support benefits children's learning. So our Family Maths workshops have been specifically developed to gain and cement that support by offering a fun and friendly environment in which parents/carers work alongside their children on activities that both explore the value of maths and unpick concepts of *fluency*, *reasoning* and *problem solving*. And, by tackling our Household Maths Trail, they'll discover just how easy it is to use any part of the home as a stimulus for quick and impromptu maths challenges!

Family Maths workshops are available in a range of formats - but if you book one at the end of a day of workshops with pupils, we'll be happy to offer you a healthy discount!

Teacher CPD and Twilights

To fully capitalise on the new approaches you'll have seen in action, why not end your day with a Creative Maths Twilight for staff? Our CPD programmes are highly experiential and outcomes-driven, our Twilights give you a chance to unpick what you've witnessed and both try out and actively reflect on some new methodologies. And, by booking this at the end of a day of our workshops with pupils, you'll get it all for a fraction of the usual price!

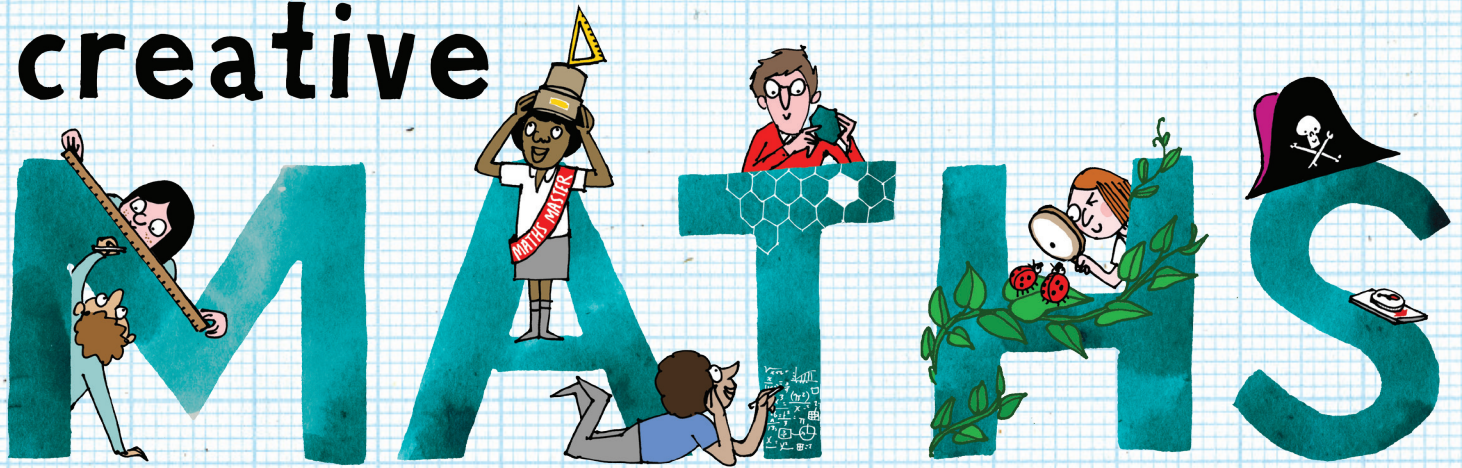
We also, offer whole-day INSET programmes, further exploring the potential of creativity to support maths in a range of contexts and providing opportunities for powerful, collaborative planning.



If you are looking for ideas and inspiration for your classroom then our website has a brilliant selection of creative learning resources which are free to download! just visit www.as-creatives.com/resources.



creative



as creatives

think differently

0151 708 8886

"It covered a huge range of skills without the children realising how much Numeracy they were doing! All the pupils could access it despite the huge range of abilities present."

Maths Co-ordinator, Hawes Side Academy, Blackpool

"The children gained a love of learning, resilience in problem solving, team work and an opportunity to ask questions. We had a great experience and would certainly be keen to book again!"

Maths Co-ordinator, Harvington First School

www

www.as-creatives.com

@

info@as-creatives.com



[@ascreatives](https://twitter.com/ascreatives)