

CREATIVE MATHEMATICS PROGRAMMES

Unless otherwise noted all sessions run with one practitioner delivering to a class of up to 30 pupils.

Nursery and Reception

The King and Queen of Number

A strange gust of wind blows all the numbers away and the people of the town have to work out how to tell each other how many of everything they want, what number house they live in or which bus to get!

Learning Objectives – Number recognition, Number ordering, Writing numbers.

Session Length – 1 hour

Nursery and Reception

The Princess' Bed

In order to find a husband for his eldest daughter a King sets a strange challenge – to build her a bed that is six shoes by four shoes. The princes all use the most beautiful shoes they can find, but when the beds arrive – none of them are the right size!!!

Learning Objective – Standard and non-standard measurement.

Session Length – 1 hour

Year 1 – 2

The Doorbell Rang – by Pat Hutchins

Ma has made a dozen delicious cookies. It should be plenty for her two children. But then the doorbell rings – and rings and rings and rings.

Learning Objective – Basic division and fractions

Session Length – 1 hour

Years 1 – 3

A Little or a Lot?

When the evil Sorceress, Avara, begins to weave her magic on the island of Sunobia, things start to go terribly wrong. People are starving, war is threatened and the King has only three days to learn how to count enormous numbers or risk his kingdom being destroyed forever...

Learning Objective – Counting, sequencing and place value.

Session Length – 1 hour 15 to 1 hour 30

Years 2 – 4

Giant Maths

When the Empress of Lilliput finds a giant footprint, and then a giant, on her beach her advisors set about trying to measure the giant. Someone suggests that everyone is about 6 of their own feet tall. Could that be true? They also have to figure out how they are going to feed him and clothe him.

Learning Objectives – Problem solving, standard and non-Standard, proportion, scale

Session Length – 1 hour to 1 hour 30

Year 2

Centipede's 100 Shoes – by Tony Ross

When a centipede trips over, and hurts his foot, the only thing for him to do is obtain a set of shoes for all of his feet...That is a lot of shoes! Now it could take him longer to get dressed than to do anything else. So, after a rethink, he shares his shoes amongst various neighbours: beetles, spiders, earwigs and other creatures. Count up the number of feet, and find out whether he manages to get rid of all his shoes! (Do you think he started with 100 in the beginning?)

Learning Objective – Directional language, division, subtraction

Session Length – 1 hour

Years 3 – 4

Farming Fractions

When a farmer leaves his two bickering sons in charge of his farm, he tells them they have to share equally. Add in to this a mysterious seed-seller who tells them they can grow twice as many crops and the division of the farm begins...

Learning Objective – Fractions, measuring, division

Session Length – 1 hour to 1 hour 30

Years 4 – 5

Roman Market

A distinguished dignitary is coming to town – who can rise to their challenge and prove to be the best business person in the village?

Learning Objective - Problem solving, getting the best price, special offers

Session Length – 1 hour 15 to 1 hour 30

Years 5 – 6

The Nameless Brothers

Five Nameless Brothers travel the land in search of their identity and their family heritage. The people of Fractisle, Percentown and Decimville all lend a hand as the boys complete various tasks to help unlock their secrets...

Learning Objective – Fractions, decimals, percentages and measuring

Session Length – 1 hour 15 to 1 hour 30

Note – requires two practitioners to deliver to a class of up to 30 pupils

Years 5 – 6

Rubbish Maths

The Council dumps a load of rubbish on the carpet of your classroom and offers a £100 payment in order to be able to continue dumping there. But soon Environmental Health officials arrive and threaten to fine you if the rubbish is not cleared away soon.

Different individuals offer different schemes with different rates, to pay you for the rubbish. Work out how you can make the most money out of your rubbish and not be left with any by the time Environmental Health comes back!

Learning Objective – Fractions, decimals, percentages, money and problem solving

Session Length – 1 hour 15 to 1 hour 30

Note – requires two practitioners to deliver to a class of up to 30 pupils

***Some of these programmes require a large amount of props.
This may affect the cost of specific programmes where additional
transport is required, so please discuss your needs
with us when you make your enquiry.***

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