

Child Initiated Playful Learning

This type of play is where children choose how, where, and what they wish to play with. This enables them to choose their own mathematical learning while exploring different approaches and reach conclusions themselves.

What maths opportunities are there in the games and toys that are given to them at home? How can you make their toys become an opportunity to learn? Measure how far a car rolls down a ramp.



Adult Led Playful Learning

This type of play is where the adult plans, organises and shows or tells the children what they need to do. The adult is able to model mathematical skills and introduce ideas, helping to carefully correct misconceptions.

When you are playing games at home, think and talk about all of the maths involved, including going beyond counting. Ask questions about what patterns can they see. What is the same? What is different?



Early Maths at Indian Queens Primary School

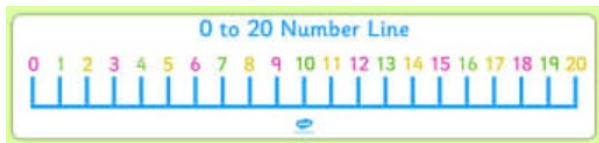


Teaching Maths at Indian Queens School

At Indian Queens School we believe that everyone can do maths and there's no such thing as a maths person. Maths is a subject that everyone can and should be able to perform confidently and competently.

At Indian Queens we teach using the mastery approach that allows children to gain a deep understanding of maths, allowing them to gain a secure and long-term understanding of maths that allows them to make continual progress.

We teach by breaking down maths objectives into the smallest steps, so that every child is secure in every new concept before moving on, We focus upon teaching for fluency (maths facts and calculating), reasoning and problem solving.



Organisation at school—Maths is taught every day

- Whole class teaching (10– 15 minutes per day)
- Small group learning work with teacher or teaching assistant
- Cross curricular learning i.e. counting how many bean bags are needed in P.E, sorting paints by colour in art, measuring plants during outside learning time
- Structured play—both adult led and child initiated



Whole class learning

Teachers plan together to introduce and teach key concepts consistently across the year group. This allows children to work together developing a range of skills and allows teachers to teach new language and assess where more support may be needed.

While maths is in the world all around us, sometimes you will need to think ahead and organise an opportunity to explore the maths in an activity. How can you turn putting away socks into a fun maths game or pattern and number?



Small Group Learning

Small group learning is where the class is divided into smaller groups, led by an adult, to work on specific skills together, this involves input and collaboration from the children and enables Skills are taught practical and may result in some recording.

At home, encourage your child/children to record their maths—it could be numbers, but all mark marking is important. Try tally charts to keep count, draw dots or symbols to represent things, draw shapes and lines to measure.

