



KS2

**NEW N.C. MATHS
IMPACT SESSIONS**



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KS2 NEW N.C. MATHS IMPACT SESSIONS

KS2 New N.C. Maths Impact Sessions are new interactive presentations which explain and reinforce knowledge and skills required to achieve the National Standard and beyond in key stage 2 new National Curriculum maths. We deliver the sessions for you in your school, using highly qualified and skilled presenters, over either a half day or full day. Key areas of the new National Curriculum are delivered and reinforced in a clear, fun and dynamic way which will ensure both progress and fun over each session.

All sessions consist of three sections.

Section 1: An interactive presentation of knowledge and skills.

Section 2: Practical and fun reinforcement activities to back up knowledge and skills learned.

Section 3: Knowledge and skills applied to SATS questions.

KS2 New N.C. Maths Impact Sessions are most effective when delivered monthly through the course of Year 6, but can be delivered over a much shorter time frame. They are also very effective used as Saturday or holiday schools.

Sessions are ideally suited to groups of up to 30 pupils.

“FINAL IMPACT” REVISION SESSIONS

“Final Impact” revision sessions are three half day revision sessions created as a compilation of the eight KS2 New N.C. Maths Impact Sessions. These are designed to be delivered as close to SATS as possible.

See full details on page 12.

KS2 NEW N.C. MATHS IMPACT SESSIONS

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Types of Numbers

Calculating

Using Fractions

Calculating with Fractions

Number Diagrams

Percentages

Angles and Shapes

Shape and Size

TYPES OF NUMBERS

UNIT CONTENTS

Multiples

Factors

Prime numbers

Prime factors

Square numbers

Venn diagrams

Carroll diagrams

“Venn diagrams” activity

“Prime Numbers” game

Team competition

SATS questions

CALCULATING

UNIT CONTENTS

Adding whole numbers

Subtracting whole numbers

Multiplying whole numbers

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Dividing whole numbers

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Calculating with decimals

Functional skills

“Mixed up Numbers Board” activity

Team competition - “Double Bluff” game

SATS questions

USING FRACTIONS

UNIT CONTENTS

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“Team Up – Time Out” game

Team competition

SATS questions

CALCULATING WITH FRACTIONS

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Multiplying fractions

Dividing fractions

“Building Fraction Walls” activity

“Creating Mixed Numbers” activity

Team competition

SATS questions

NUMBER DIAGRAMS

UNIT CONTENTS

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Number lines

Negative numbers

Positive and negative graphs

“Chasing Spiders” game

Team competition - “Double Bluff” game

SATS questions

PERCENTAGES

UNIT CONTENTS

Meaning of percentage

Common percentages

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“FDP Teams” game

“Number Line Chaos” game

Team competition

SATS questions

ANGLES AND SHAPES

UNIT CONTENTS

Types of angles

Angle properties

Calculating angles

Parallel and perpendicular lines

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“Triangles and Quadrilaterals Board” activity

“What Shape am I?” activity

Team competition – “Double Bluff” game

SATS questions

SHAPE AND SIZE

UNIT CONTENTS

Perimeter and area

Using formulae to calculate areas of rectangles, triangles and parallelograms

Area problems

Identifying polygons

Interior and exterior angles of polygons

Circle problems

“Investigating Areas and Perimeters” activity

Team competition – “Double Bluff” game

SATS questions

“FINAL IMPACT” REVISION SESSIONS

NEW N.C. MATHS SATS REVISION – 3 HALF DAY REVISION SESSIONS

- Covers key areas of new National Curriculum maths required for achieving National Standard and beyond.
- Particular focus on numeracy skills.
- Interactive sessions which use SATS type questions in formal presentations and fun activities.
- Trains and reinforces students’ knowledge, skills and exam technique.
- Caters for groups of up to 30 pupils.
- Suitable for delivery as half-day sessions during the normal school day.
- Can also be delivered as Saturday school sessions.
- Suitable also for delivery as holiday school sessions.



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