Briercliffe Primary School

Maths - How can you help your child at home?

Why should we support mathematics at home?

Reasoning and arithmetic enables children to solve everyday problems and improves memory.

Basic Skills

The following are basic skills that we teach in school:

- Counting
- Representing numbers
- Addition and subtraction facts
- Multiplication and division facts
- Multiply and divide

Place Value
(the value of number)

Why is it important?

Place value is the foundation of our number system. We need to be able to determine a digit's worth based on its position. It allows us to represent and compare numbers of any size and enable access to the four operations (+ - x ÷).

What does it look like in school (now)?

Counting to 10, number composition - ways to make a number (2+3=5 4+1=5) missing numbers,

1 more and 1 less, subitising "counting with your eyes"

How can I help at home?

Rhymes and songs – 10 green bottles, 5 little speckled frogs, etc

Games – counting on and back

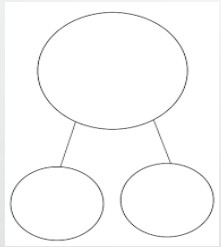
Subitising games – dice patterns

Addition

What does it look like in school (now)?

Ways to make a number (2+3=5 4+1=5)

Part, part whole model



How can I help at home?

- Adding groups practically using toys for example.
- Use the vocabulary total, equals.

Subtraction

What does it look like in school (now)?

Take away a smaller group from a larger group.

Practical objects

How can I help at home?

Use practical objects, e.g. toys, books, snacks and take some away from a larger set.

Multiplication

What does it look like in school (now)?

Doubling

Make lots of the same group.

How can I help at home?

Show doubles using fingers and objects.

Recall doubles from memory.

Use practical objects to make lots of the same group.

Division

What does it look like in school (now)?

Share out objects into equal groups.

How can I help at home?

- Share objects out equally e.g. sweets toys, snacks. Start with a small amount and share between two. Gradually increase. Say 1 for you, 1 for you as they are shared.

Why have we not included other areas of mathematics

Other areas of maths are important but place value and the four operations are paramount for our children's future. Shape, angles, measure (and others) all have a place in our curriculum but these rarely change.

However, the processes for + - x and ÷ do and is the reason we want to offer this guidance.

Still unsure? Get in touch with your child's teacher.