

St. Andrew's Primary School and Nursery Class

*We would love to hear your views on our
Mathematics and Numeracy Milestones. Please
contact us at:*

**St. Andrew's Primary School
& Nursery Class
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Numeracy and Mathematics
Milestones



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Nursery

The Milestones outlined in this booklet set the **minimum** expectations we have for the children in St. Andrew's within Numeracy and Mathematics for our nursery pre-school children.

It is our aim to ensure a smooth transition for our children into Primary 1 with a clear focus on clear and progressive learning pathways.

The Milestones are split into the following sections:

- Estimation & Rounding
- Number & Number Processes and Patterns & Relationships
- Fractions, Decimals and Percentages
- Money
- Time
- Measurement
- Shape
- Angles and Symmetry
- Information Handling

Under each heading there is detail about the specific learning children will experience.

Estimation & Rounding

- Create and compare sets of objects by matching, sorting and classifying and explain their thinking e.g. sort by colour, by size, by shape etc.

Number & Number Processes and Patterns & Relationships

- Count orally 0-20
- Count back to zero from 10
- Count up to 10 objects
- Be able to give/count 0-5 objects from several
- Recognise and say all numbers from 0-10
- Order objects by size (smallest to biggest / biggest to smallest)
- Order numbers from 0-5
- Understand the concept of zero e.g. zero means nothing
- Recognise and complete simple patterns with 2 variables

- Recognise patterns within the environment
- Match quantity to numbers 0-5
- Awareness of language (bigger, smaller, more, less, before, after, altogether)

Fractions, Decimals and Percentages

- Recognise the difference between the whole and parts of the whole
- Understand the purpose of sharing and be helped to develop an appreciation of the concept of fairness

Money

- Understand the concept of money **e.g. money is used to buy things, money can be coins or notes**

Time

- Recite the days of the week in order
- Understand the difference between night and day
- Awareness of the seasons
- Be able to sequence the events of the day
- Know that time is related to the clock

Measurement

- Understand language long/short/tall/small

Shape

- Identify and name 2D shapes **e.g. square, circle, triangle**
- Be able to discuss the main features of 2D shape **e.g. number of sides, curved sides, straight sides**
- Identify a 2D shape on a 3D object **e.g. a square on a cube**

Angles and Symmetry

- Recognise their own reflection and reflections in their environment

Information Handling

- Be able to match by colour, size, shape, object and "type"
- Sort objects by 2 dimension .g. colour v shape, colour v colour etc.
- Know that signs and charts contain symbols which have meaning e.g. girls toilets, boys toilets
- Recognise and explain symbols used