

Maths at Pictor

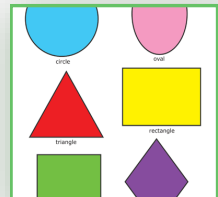
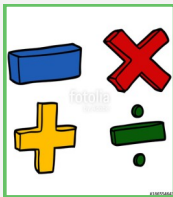


Information for
Parents



*“What’s most
important?”*

Enjoying using
numbers and exploring shapes
and measures in practical and
meaningful situations.



At Pictor we use a variety of strategies and approaches to teach Maths depending on the interests and needs of the individual children.

This means Maths can look very different for individual children depending which curriculum they follow.



We try to keep maths practical and find that a hands on approach is the best way to achieve a sound understanding.

The areas of Maths learning are
Numbers , Shape and space and Measure.

Informal learners:

These children experience very early maths concepts through their everyday activities.



Semi formal learners:

Follow a practical and sequential curriculum, experiencing a range of maths concepts through hands on activities.



Formal learners:

Follow the National Curriculum at their level.

Number Square										
1	2	3	4	5	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

How do we teach number?

No one way...

A mixture of personalised approaches that work for individual pupils.

Some of our pupils learn through:




- Practical hands on activities– to ensure children grasp concepts in meaningful contexts.
- Daily number activities built into the structure of the day– e.g. counting who is in group, sharing apples at snack time.
- Numicon– visual apparatus which enables children to ‘see’ a number and supports the learning of new concepts.



- The computer and Ipads – watching clips and playing games

What we use...

Everything and anything! If a pupil is motivated by something – we use it to count, add, subtract, share and multiply.

- Numicon 
- RM Easymaths (for formal learners)– your child's teacher will provide login details. 
- Songs and clips from Espresso and You tube 
- Playing games which use numbers – e.g. snakes and ladders
- Toys, foods, themselves and the environment



- All classes have interactive whiteboards and I-pads to support group and 1-1 work.
- Calculators, rulers and tape measures, money ...

How do we teach Shape and Space (geometry)?

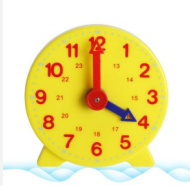
As with number lots of different approaches are used:

- Shape puzzles and games
- Shape walks to find shapes in the environment
- Properties of shapes
- Art activities linked with shapes— printing, making pictures, mosaics
- Reflections and symmetry
- Patterns
- Positional language

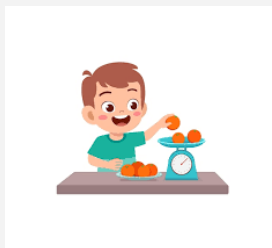


How do we teach Measure?

- Time, from key events of day to telling the time
- Size comparison activities
- Estimating, measuring and recording
- Volume and capacity
- Money
- Length
- Weight



Cooking is an fantastic practical activity to experience and learn about measures!



How we support learning about and using maths at Pictor...

- Daily activities, discrete and directed
- Individualised approaches to meet each child's interests and needs.
- An environment which is rich with mathematical opportunities

How parents can help at home...

- Talk to your child's teacher as all our pupils are at different levels or refer to their Annual targets.
- Notice numbers/ shapes in the home and when you are out— e.g. notice the microwave (great for counting backwards), house numbers (odd and even numbers)
- Count as you do things— e.g. going upstairs, setting the table
- Play with magnetic/ foam numbers/ shapes in the bath.
- Share number and shape songs on the computer.

Useful links & websites

Espresso.co.uk/

Username:student6798

Password: rabbit

