

# WHAT IS MATHEMATICS?

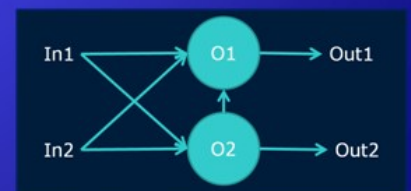
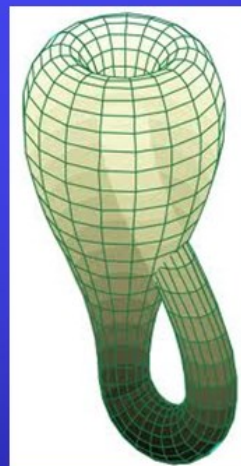
## Summary

- Fractals
- Big Numbers
- Board Games
- Puzzles
- Strange Shapes
- Chaos
- Inventions and Patents



$$10^{10^{100}}$$

	1	2	3	4	5	6	7	8	9
A				7		4	2		
B				2					5
C	8	6							2
D		9				7	5		
E	4				2	9			8
F			3	6				9	2
G		8		2				6	1
H	6					5	9		
I					8	2			



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Pupils will build a Sierpinski gasket from used train tickets, cut a Möbius band in half, solve puzzles and learn how to write down solutions, discuss card and board games and see algebra in a new light! They will also learn how Maths has led to new inventions in Computing and Biology!