

# MATHEMATICS AT NPA

KS3

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*"Pi what squared? Long John,  
you should be able to get this."*

Mathematics is an essential, interesting, challenging and beautiful subject at every level. The NPA Mathematics team want your child to achieve their potential and to love mathematics as much as we do. We will do everything we can to support and develop your child...all we ask is that they try their best every lesson and with their homework.

# The Learning Journey

The study of mathematics throughout KS3, GCSE and A level mathematics is built around 5 key topic areas

1) Number

2) Ratio and Proportion

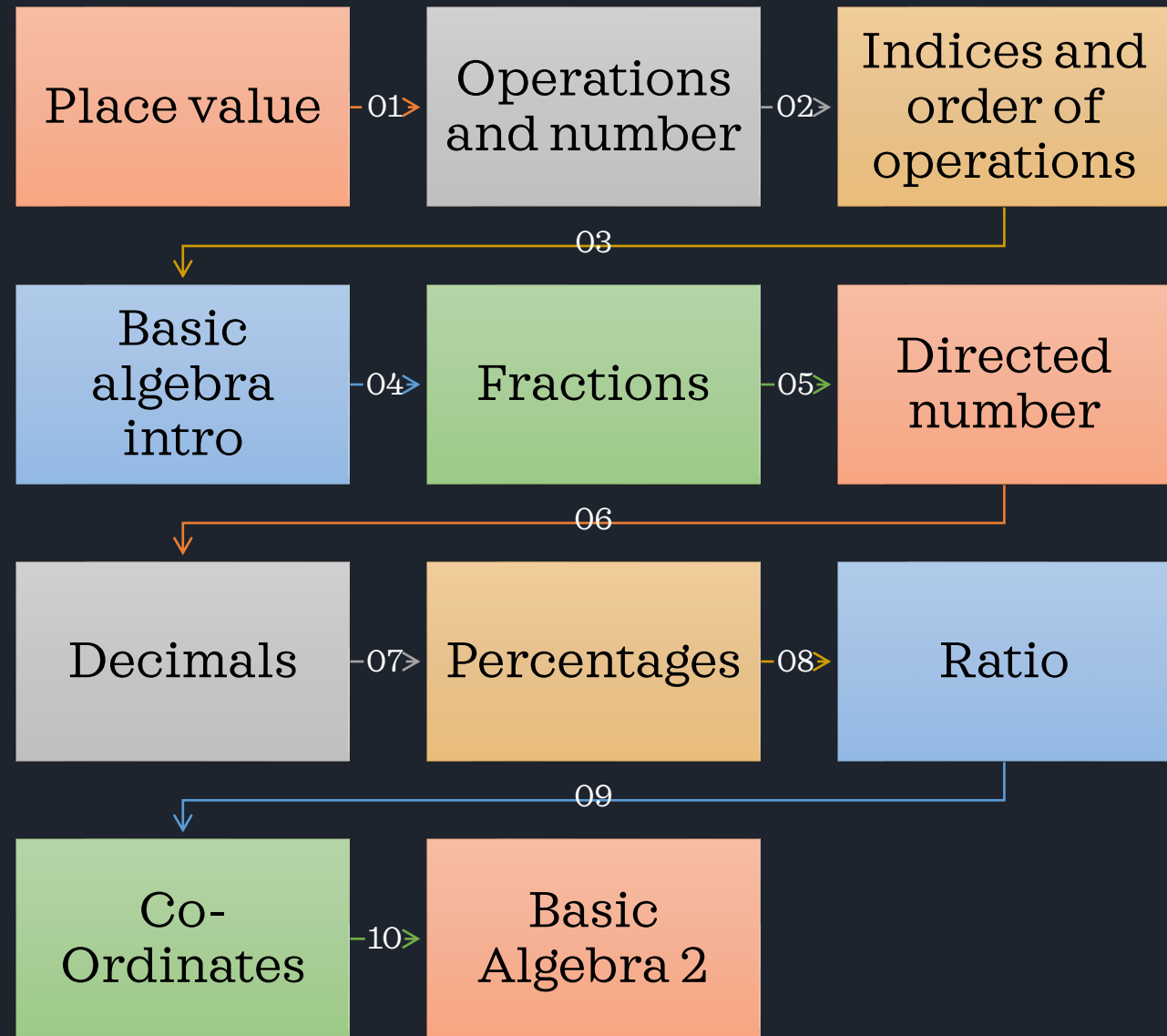
3) Algebra

4) Shape, Space and Measure

5) Probability and statistics

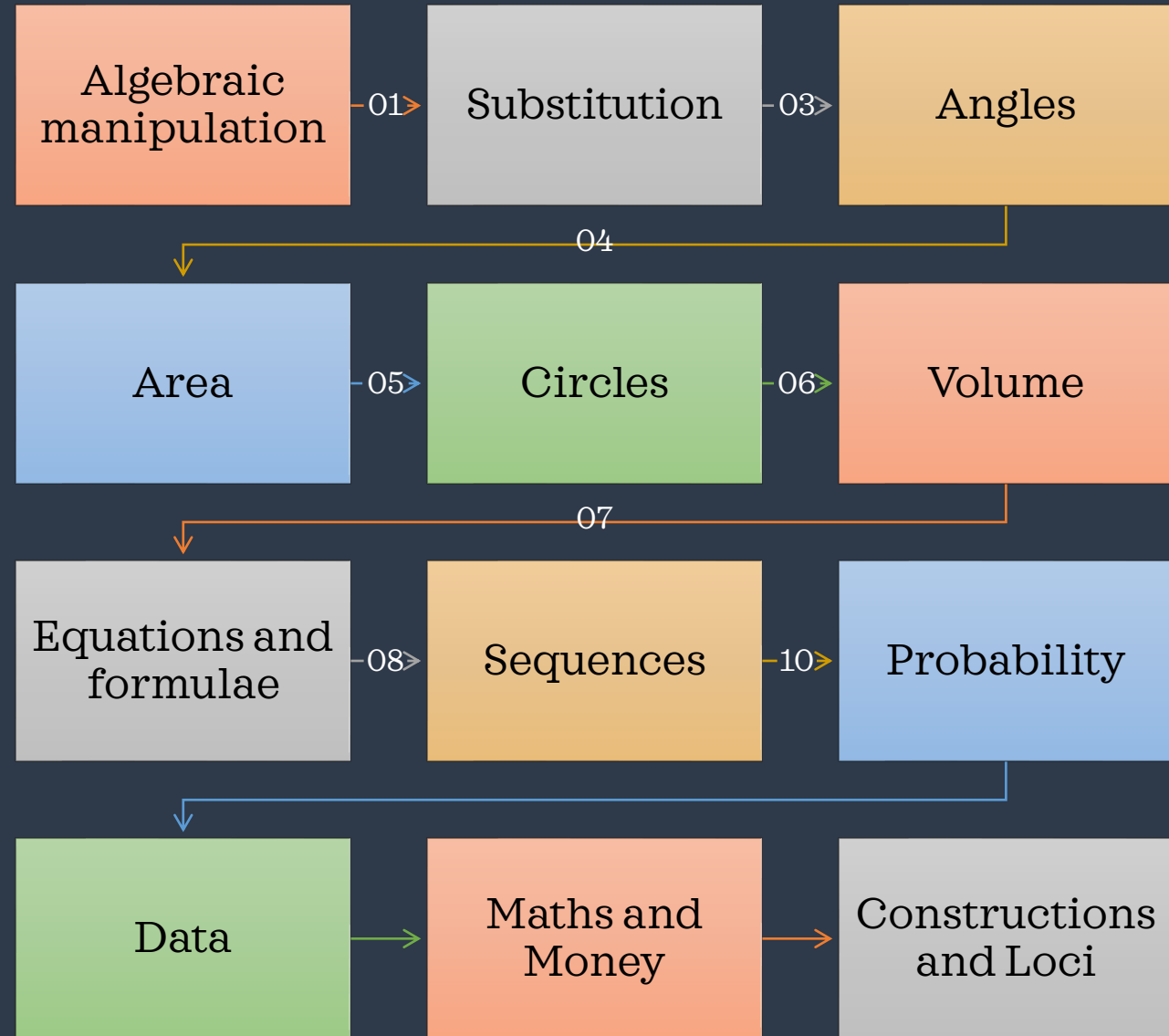
# Year 7 Curriculum

Topics studied over the course of this academic year.



# Year 8 Curriculum

Topics studied over the course of this academic year.





# How can you help support your child with Mathematics?



Ensure your child has all the correct equipment including a scientific calculator – we recommend Casio fx-83GTX (Natural display)

Support your child to learn their multiplication tables up to 12 x 12

Your child will be set homework every week. It would help us if you encouraged them to do their best and complete the work every week.

We use Sparx maths as an online resource and your child's homework will be set on this – if you could encourage and support them with this it will make a difference.

Encourage your child to talk about the mathematics they are doing – not just at school but in everyday situations.