The path to your Higher GCSE Mathematics

Kemnal Technology College

Year 9

- 2D and 3D shapes
- Introduction to Algebra
- Fractions, Decimals, Powers, Roots
- BASELINE TEST
- Accuracy and Estimation
- Perimeter and Area

Year 10

- Further Algebra
- SURDS
- Simultaneous Equations
- Functions and Sequences
- BASELINE TEST
- Percentages and Ratios
- Probability Basics
- Construction and Loci
- Vectors
- Graphs
- MINI MOCK EXAM
- Functions
- Angles
- Circles
- Probability Combined Events
- Std Form
- Similarity and Congruence
- MINI MOCK EXAM
- Volume and Surface Area

Year 11

- Pythagoras and Trigonometry
- Growth, Decay and Proportion
- MOCK EXAM
- Algebraic Inequalities
- Sampling Data and Analysis
- Interpretation of Graphs
- Transformations and transforming curves
- MOCK EXAM
- Test, Revision, Review, Repeat
- GCSE

Kemnal Technology College

What can I as student be doing doing extra?

MathsWatch:
https://vle.mathswatch.co.uk/vle/ a fantastic free resource for students to practice and retrieve their knowledge, as well as complete topic specific assignments created by their teachers.

BBC Bitesize:
https://www.bbc.co.uk/bitesize/examspecs/z9p3mnb
has lots of really useful subject and exam board revision.

What can I as parent be doing extra?

Encourage your son or daughter to **start early, start now** on their homework and revision.

Help them be **organised**. Create a workable homework timetable with them.

Let them **talk**. Talking with you about a topic or subject helps them visualise their knowledge.

Water and healthy food are vital for the brain to function properly. Make sure they are eating and drinking with you while they talk about their subject.

Exercise & fresh air. Go for a jog with them while they talk about their subject.