



Aldworth

Building bright futures

Maths



MATHS

Yr 10 and 11

What to expect

- KS4 maths is organised along the same strands as KS3: Algebra, Ratio & Proportion, Number, Probability and Statistics
- Increased focus on interlinking of topics, so that new knowledge is connected to existing knowledge (mastery)
- Teachers increasingly focused on exam questions: what gets you marks, what you need to write down or show
- Throughout Y10 and Y11 students will be assessed to identify areas of weakness and targeted interventions with the class, ensuring that no student falls behind.
- Past papers to work through as part of weekly homework; allowing students to get used to switching between topics, the exam specific language and how to time manage.

Expectations of Pupils

- Apply yourself in every lesson
- Alert staff if you do not understand something as soon as possible as this may be quicker than us discovering it
- Take on board feedback as to how to improve and deepen your understanding
- Show full workings – you can not pass without them
- Come fully equipped and ready to learn
- Mark work as you go along to identify errors immediately, reflect on them and ask for direction if you cant see what went wrong.
- Take on board things you need to revise, from Year 10 through Year 11 and start practising in Year 10. Year 11 is shorter than year 10 and will fly by, especially if you have coursework-heavy subjects.
- As Year 11 gets in full swing if your feeling overwhelmed tell us so we can develop a plan that works for you.

Examination

- 100% exam
 - Three 90 min exams
 - One non calculator
 - Two calculator
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- Marks gained across all papers totalled to give a score

Equipment

Every lesson your son/daughter should be equipped with

- A compass
- Ruler
- Pencil
- Pen
- Highlighters
- Scientific Calculator – we recommend a Casio

Tier Entry

- Higher Grades 4-9: in order to study sciences and maths A- Levels at college a grade 6+ is usually required.
- Foundation Grade 1-5 (grade 5 is a strong pass; grade 4 a standard pass).

- Some pupils will sit for quite some time in the overlap between both tiers. Careful consideration is given to all pupils regarding tier entry and this decision is made as late as possible and on a student by student basis.