



Haydock High School – Excellence in Exams

Get Ready for...

Subject: **Maths**

Exam Dates:

Paper 1- Non-calculator –24/06/2018

Paper 2- Calculator allowed –07/06/2018

Paper 3- Calculator allowed –12/06/2018

Worth:

Each paper is 1 hour 30 minutes and is out of 80 marks.

All papers are equal weighting and can include any topic.

Revision Materials

- **Exercise books & revision folders**
- **Past exam papers**
- **MathsWatch**
- **Revision guides and work books (available in school for £4.50)**
- **Other useful websites**

Key Equipment

- **Black pen**
- **Pencil**
- **Ruler**
- **Protractor**
- **Compass**
- **Scientific calculator**

Suggested Topics I Should Revise	Ways I could revise:
Improve key skills and basic numeracy	<ul style="list-style-type: none"> Students can practice addition, subtraction, multiplication & division by either making up their own questions or logging onto http://www.mathsbox.org.uk/ Username: haydock Password: root4
Revisit and practice current topics from lessons	<ul style="list-style-type: none"> At home read notes and examples from your exercise book. Highlight key points and try to use them to answer any outstanding questions from class
Revise key topics on the 5 areas of maths: <ol style="list-style-type: none"> Number Algebra Ratio & Proportion Shape and space Data & Probability 	<ul style="list-style-type: none"> Try to list all the topics you know for each area of maths with key words Use revision guide/workbooks to look up topics and answer questions Log into MathsWatch and watch the clips from your revision list Then complete the attached online work sheet <p style="text-align: center;">www.vle.mathswatch.com</p> <p>Login: studentlogin@haydockhigh Password: students network password</p>
Improve exam technique	<ul style="list-style-type: none"> Complete exam papers and homework tasks to the best of your ability using your exercise books and revision notes. Remember IMCA strategy for starting problem solving questions
Organisation	<ul style="list-style-type: none"> Have all the essential maths equipment every lesson and when you are revising. Practise using your own calculator Be strict with your timing. Use a timer when answering exam questions. The rule is 1 mark in 1 minute
Practice, Practice, Practice	<ul style="list-style-type: none"> The key to improving at maths is practicing lots of different questions. There are lots of free resources and exam papers available on <p> https://www.bbc.co.uk/education/examspecs/z8sg6fr https://corbettmaths.com/ https://diagnosticquestions.com/ http://justmaths.co.uk/ </p>

Key Topics for Revision

Term	Higher Tier	Foundation Tier	Exam Practice
Autumn 1	<ul style="list-style-type: none"> • Probability • Volume • Expanding, simplifying and factorising quadratic expressions • Scatter graphs 	<ul style="list-style-type: none"> • Probability • Volume • Expanding, simplifying and factorising quadratic expressions • Scatter graphs 	AQA Practice Papers Set 1
Autumn 2	<ul style="list-style-type: none"> • Solving equations • Plotting, sketching and interpreting graphs • Simultaneous equations • Equation of a circle 	<ul style="list-style-type: none"> • Inequalities • Pythagoras' Theorem • Simultaneous Equations • Plotting, sketching and interpreting graphs 	AQA Practice Papers Set 2
Spring 1	<ul style="list-style-type: none"> • Direct & inverse proportion • Inequalities • Trigonometry & Pythagoras' Theorem • Growth & Decay 	<ul style="list-style-type: none"> • Ratio • Direct & inverse proportion • Growth & Decay 	AQA Practice Papers Set 3
Spring 2	<ul style="list-style-type: none"> • Vectors • Transforming Function • Sine & Cosine Rule • Circle Theorems 	<ul style="list-style-type: none"> • Trigonometry • Solving quadratic equations • Quadratic graphs 	AQA Practice Papers Set 4
Summer 1	<ul style="list-style-type: none"> • Pre-calculus & Area under a curve • Algebra fractions 	<ul style="list-style-type: none"> • Vectors 	

It is vital students always go back and revise all topics from Year 10.

Exam papers can ask questions on any topic studied in maths across Year 10 and 11.