

Students of the Week

Form	20/05/2016	27/05/2016
11C1	Jenny Ashley	Caitlyn Przystal-Collins, Iman Jabar
11C2	Devon Wallwein	Cameron Campbell, Devon Wallwein
11M1	Daniel Marshall	Daniel Hawkes, Tom Wiltshire, Emily Armiger-Welch
11M2	Kyran Repetto	Drei Loneza
11M3	Rhys Walsh	Anastasia Magnago
11P1	Chloe Drewery	Tyla Joseph, Christopher Buckenham
11P2	Will Brackley, Holly Seabrook, Tyla Munday, Ula Kolodziejczyk, Ella Greenhalgh	Ben Hackworth
11V1	Annie Smith	Sam Buckenham
11V2	Holly-Louise Lawman, Jamie Hansard	Georgia De Vita
11V3	Ellie Cook, James Ireland	Evie Andrew

New Badge 2 Winners

Dana Phin

Benjamin Watson

New Badge 3 Winners

Abby Barden
Katie Buss
Kyra Sharp
Rhys Earley
Destyn-Marie Bowler

New Badge 4 Winners

Ula Kolodziejczyk

George Miller

Thomas Longcroft

Edward Gilchrist

Tom Hunter

Awo Asiamah

Phoebe Oliver

Kelsey Giere

Brandon Simpson

Seth Moody

Gracie Crawley

Cole Regalado

Karis Bleakley

Isabella Maddocks

Chloe Brown

Omar Marsh

Shannon Gates

Stefan Hladkiwskyj

New Badge 5 Winners

Olivia Mercer

Jabe Peake

Christopher Buckenham

Louise Hinkley

Rhys Walsh

Sammy Parker

Emily Morgan

Anastasia Magnago

Daniel Hawkes

Arjun Basra

Rosie Thompson

Jess McCamley

New Badge 6 Winners

James Ireland
Olivia Nye
Alice Maylor



**Thursday 25th August
Woo Hoo !!!**

Look how far you have come...

English Language	2 x 120 mins	PE	90 mins
Prep for Working Life	90 mins	Astronomy	120 mins
RE	60 mins (120 mins Full Course)	Portuguese	60 + 50 mins
Global	75 mins	English Literature	2 x 90 mins
French	35 + 50 mins	Use of Maths	75 mins
Biology	60 mins	Textiles	120 mins
Chemistry	60 mins	Chinese	40 + 50 mins
FSMQ	75 mins	Geography	90 mins
Spanish	35 + 50 mins	Physics	60 mins
Maths	105 mins	Latin	75 mins

BUT we won't lose momentum

- **NO complacency**
- **NO assumptions**
- **NO fear**
- **NO resignation**
- **EVERYTHING to gain**



And after half term...

History	Biology	Physics
Latin	Music	Health and Social Care
Computing	Portuguese	Graphics
German	RE	
Geography	Chemistry	
Maths	Resistant Materials	
<i>MASTERCLASSES</i>	<i>SUPPORT</i>	<i>ENCOURAGEMENT</i>



Hinchingsbrooke School

www.hinchingsbrookeschool.co.uk/maths/mathshome.html

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Fulfilling potential

Login and Password for
the website:
mathswatch
maths2012

- Home
- Maths Home Page
- 5 A Day
- HOLSS Project

Please select from the following options:



Maths Website



Homework



Support Pages

YEAR 11 revision list for Paper 2

REVISION


easy as...

1 2 3

Year 11 Revision
Resources



Little Genius

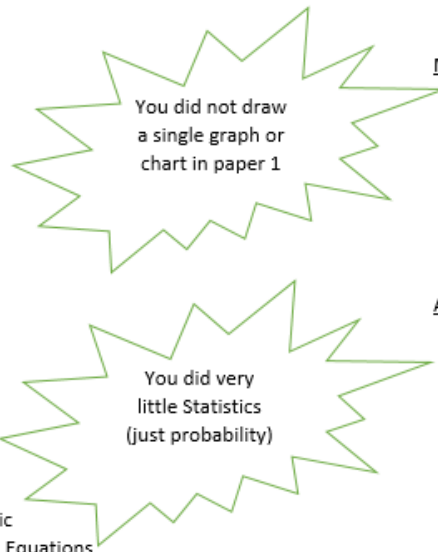

 THE PRINCE'S
 TEACHING
 INSTITUTE
2013
 ENGLISH
 GEOGRAPHY
 HISTORY
 MATHEMATICS

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GCSE Higher Paper 1 Topics

The below topics were on paper 1 of the Higher GCSE 1MA0.

1. Volume of a Prism
2. Draw a Reflection & Rotation
3. Criticise & write a Questionnaire
4. Simplify Algebraic expressions
5. Estimation
6. Probability of an event
7. Area of a compound shape (*)
8. Relative frequency
9. Writing Algebraic formula
10. Straight line Graphs (mid-point)
11. Two way table
12. Area of Square & Circle
13. Percentage change
14. Constructions (bisects)
15. Comparing Box Plots
16. Standard form
17. Solve Inequality / Equation
18. Mixed Number Fraction arithmetic
19. Using A Quadratic Graph to Solve Equations
20. Circle Theory
21. Probability Tree
22. Solving a Quadratic by Factorising ($a > 1$)
23. Vector Proof
24. Indirect Proportion
25. Area & Surds



- Scatter Graphs, Stem & leaf, Frequency Polygons, Pie Charts, Cumulative Frequency, Histograms
- Real Life Graphs (SDT)
- Stratified sample

Number

- Calculator Use (BIDMAS), Rounding
- Best Buy, Conversion graph
- Ratio
- Reverse Percentage, Compound Interest
- Upper & Lower Bounds
- Surds (rationalising denominator)

Algebra

- Substitution
- Sequences
- Trial & Improvement
- Plotting graphs (linear, quadratic)
- Quadratic Formula (Applied to area), completing the square
- Transforming Graphs, Trigonometric graphs
- Algebraic Fractions
- Inequalities and Regions
- Simultaneous Equations
- Algebraic Proof

Shape

- Pythagoras & Trigonometry (SOHCAHTOA)
- Sine & Cosine Rule
- Comparing volumes (A grade)
- Similar shape (or Similar Area & Volume)
- Bearings, Scale drawings
- Describing Transformations (drawing Enlargements / Translations)
- Alternative or Corresponding angles, Interior & Exterior angles

Predicted topics for Paper 2

There are only predictions but are a good place to focus your revision.

Statistics

- Averages (Mode, Median, Mean, Range) – particularly Mean from Frequency Table

GCSE Foundation KMAO Paper 1 Topics

The below topics were on paper 1 of the Foundation KMAO.

1. Working with directed numbers
2. Pictograms
3. Naming properties of 2D Shapes
4. Factors of a given number
5. Metric conversion
6. Probability on a scale
7. working with % and converting to fractions and decimals
8. Algebra: solving, simplifying, writing expressions and substitution
9. Properties of 2D shape including symmetry
10. Distance time graph
11. Averages from a table
12. Set Notation
13. Proportion
14. Straight line graph
15. Prove fraction calculations
16. Algebra: factorise, expand, simplify, solve inequalities
17. Trigonometry
18. Ratio, fraction and %
19. area of a circle and rectangle

Predicted topics for Paper 2

There are only predictions but are a good place to focus your revision.

Data

- Scatter Graphs, Stem & leaf, Grouped Frequency, Pie Charts, Cumulative Frequency
- Probability totalling to 1
- Probability two-way table completion and use

Number

- Number – prime, square, cube, place value
- % increase and decrease
- Ordering fractions, decimals and percentages
- Ratio
- Exchange rate conversion
- Time calculation 12hr/24hr, how long
- Problem solving with money
- Calculating with directed numbers including negatives
- Calculator use – including rounding to given d.p. or s.f.

Algebra

- Sequences
- Inequalities and shading regions
- Simultaneous Equations
- Powers and indices
- Reading co-ordinates; calculating mid points
- Writing a formula to find a perimeter or angle
- **The skills already examined on paper 1 could still feature on this paper**

Shape

- Bearings,
- Alternative or Corresponding angles, Interior & Exterior angles. Angles on a straight line etc. Using these to calculate unknown angles
- Loci
- Area of a compound shape
- Volume (remember you have the formulas at the front of the paper)
- Measuring / drawing an angle

Use the practise papers you already have to look at and practise the questions like the predictions above

Important Messages

- Final Assembly – Thursday 23rd June @1pm (Day before the Prom). Please come dressed in office/smart clothes and if you want to have a shirt or your yearbook signed please bring these and a pen with you.
- Prom Tickets – Ideally you already have yours, but if not you must buy one by the end of the first week back after half term – Friday 10th June. You won't be able to buy one on the night.



What's Your Half Term Plan?

- Positive
- Confidence
- Actions
- Time
- Future
- Believe

Serenity Prayer

GOD GRANT ME THE
SERENITY
TO ACCEPT THE THINGS
I CANNOT CHANGE
COURAGE
TO CHANGE THE
THINGS I CAN AND
WISDOM
TO KNOW THE DIFFERENCE