14th June 2022

Dear Parents/Carers

Re: Year 7 Test

I am writing to inform you that your child will be taking their End of Year Maths Test during week beginning **Monday 27th June 2022**. It is a non-calculator and calculator paper. This is an important test which is part of our continuous assessment to measure how much progress your child is making in Maths.

Your child should prepare for this test by revising and doing some practice questions. To help your child get the best results, I have included a list of the topics that will be examined below.

Please can you help your child to prepare for this exam properly by setting aside time for revision. Your child can revise by visiting vle.mathswatch.com using their given username from their maths teacher and password is **circle**. They can browse through videos and do questions on each topic. In addition they can also practice exam style questions. They must come with their equipment (pen, pencil, ruler, rubber, protractor, compass and calculator).

If there are any queries please contact me on 01634 388765 or email Mr Harman on harmanb@thehowardschool.co.uk

Yours sincerely

Mathematics Department

www.thehowardschool.co.uk

Head of School: Mr J Johal

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Academy Trust

Revision List Year 7 End of Year Test

Analysing and displaying data
- Mode, median and range
- Averages and comparing data
- Line Graphs and bar Charts

Number skills
- Adding and subtracting/decimals
- Multiplication
- Division
- Negative numbers
- Factors, multiples and primes
- Square number

Expressions, functions and formulae
- Functions
- Simplifying and writing expressions
- Substituting into formulae
- Writing formulae

Decimals and measures
- Decimals and rounding
- Length, mass and capacity
- Scales and measures
- Perimeter
- Area

Fractions and percentages
- Comparing fractions
- Simplifying fractions
- Fractions and decimals
- Percentages of an amount

Probability
- Calculating probability
- Experimental probability
- Expected outcomes

Ratio and proportion
- Direct proportion
- Using and writing ratios
- Proportions and percentages
- Ratios, proportion and fractions

Lines and angles
- Measuring and drawing angles
- Lines, angles and triangles
- Drawing triangles accurately

- Calculating angles in triangles and quadrilateral
  Two way tables

Sequences and graphs

- Sequences and pattern sequences
- Coordinates and midpoints
- Straight line graphs
- Finding Nth term
- Using a term to term rule
- Using position to term rules

Transformations

- Congruency and enlargements
- Symmetry
- Reflection
- Rotation
- Translation
- Combined transformation