

Maths Example Minimum Expectations for Key Stage 3

DFE guidance April 2019 states that local authorities may specify requirements as to effectiveness ... in deciding whether education is suitable, whilst accepting that this must be applied in relation to the individual child's age, ability and aptitude. Children will be at different levels, some may be in advance, some at a lower level and some children may be working towards the minimum standard. Our Home Education Advisor will discuss where you think your child is and what your plans are in relation to providing a suitable education.

Assessing the minimum standard of age-expectation is based on the extent to which the student:

- A. Has an understanding of the basic terms and fundamental concepts within the topic
- B. Can recall and relate the essential knowledge that underpins the topic in order to answer straightforward questions
- C. Is fluent in using the skills and procedures to answer out-of-context questions
- D. Can use and apply the skills and procedures to solve routine problems in familiar contexts
- E. Can explain their methods, solutions, observations, patterns and generalisations
- F. Can apply reasoning skills, make connections and communicate their thinking
- G. Has the depth of knowledge and understanding needed to apply their learning to solve non-routine problems

The topics in Year 7 could include:

- Multiples and Factors
- Angles, Quadrilaterals and Polygons
- Perimeter Area and Volume
- Fractions
- Mixed Numbers
- Introduction to Algebra
- The Decimal System

The topics in Year 8 could include:

- Metric and Imperial Units
- Calculating Distance
- More Complex Shapes
- Angles and Straight Lines
- Symmetry
- Metric and Imperial Units
- Ratio and Proportion
- Percentage
- Multiplication and Division in Algebra
- Factorising
- Triangles
- Formulae

- Equations

The topics in Year 9 could include:

- Finding and Presenting Information
- Graphs
- Indices
- Standard Form
- Powers, Roots and Reciprocals
- Fractions in Algebra
- Brackets
- Introduction to Trigonometry
- Bearings
- Averages
- Probability
- Cumulative Frequency

Example minimum expectations

Camden in line with [DFE guidance](#) has set some example minimum expectations for education in Maths and English for each Key stage – See Section 2.10 in parents guidance and 9.4 to 9.6 in LA guidance. **There is no requirement for you to follow these examples**

These are indications for parents and our advisor to get a better understanding of the education your child is receiving.

We recognise that children will be on journey in their education some child will be at expected level, some will be in advance of their key stage indicator, some may be working towards the indicator or some children due to their education needs maybe below the indicator. You may find that children can do some elements of the different indicators as well.

Knowing where your child is can be helpful for you in setting work for them, ensuring it is appropriate for them but can also help you know where they could be “stretched” or work needs to be reviewed. It will also enable our home education advisor to offer a tailored set of advice for each child and make suggestions for parents so they can help support their child reach the minimum expectations where appropriate.

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