



PUTTING THE FUN BACK  
INTO LEARNING!

Dear Parents and Guardians,

Welcome to the Mathematics Department May Curriculum Guide.

The year is drawing to a close and we need our students to stay focused. Thank you for your ongoing support at home. Mr. Steve is on personal leave and his classes are covered by the rest of the team.

The Maths Team:

- Mr Steve Farish: [stephen.f@albasmaschool.ae](mailto:stephen.f@albasmaschool.ae) Grade 8, 9
- Mr Thomas Wayne: [thomas.l@albasmaschool.ae](mailto:thomas.l@albasmaschool.ae) Grade 6, 7, 9
- Mr Mohammed Qamar [mohammed.q@albasmaschool.ae](mailto:mohammed.q@albasmaschool.ae) Grade 7, 8, 9
- Mrs Annelie van der Hoogen: [annelie@albasmaschool.ae](mailto:annelie@albasmaschool.ae) Grade 6, 7, 8



## Curriculum Content for May

### Grade 6:

Topics	Learning Intentions
Approximating and estimating	<ul style="list-style-type: none"> <li>Round numbers and measures to an appropriate degree of accuracy</li> <li>Estimate answers; check calculations using approximation and estimation</li> <li>Recognise and use relationships between operations, including inverse operations</li> </ul>
Transformations	<ul style="list-style-type: none"> <li>Explore lines on the coordinate grid</li> <li>Use transformations to move shapes</li> <li>Describe transformations</li> </ul>

### Grade 7:

Topics	Learning Intentions
Algebra	<ul style="list-style-type: none"> <li>Plot graphs in the form <math>y=mx+c</math></li> <li>Sketch simple quadratic graphs</li> <li>Solve linear equations using a graph</li> </ul>
Probability	<ul style="list-style-type: none"> <li>To use Venn Diagrams to organize data</li> <li>Find theoretical probability of events</li> <li>Find experimental probability of events</li> <li>To use different methods to list outcomes</li> </ul>

## **Grade 8:**

<b>Topics</b>	<b>Learning Intentions</b>
Ratio and proportion	<ul style="list-style-type: none"><li>• To understand and form ratios from given scenarios</li><li>• Apply unitary method to direct and inverse proportion</li><li>• Divide a quantity by a given ratio</li></ul>
Linear and quadratic graphs	<ul style="list-style-type: none"><li>• Identify linear and quadratic graphs</li><li>• To be able to draw linear and quadratic graphs successfully</li><li>• Use graphs to solve problems</li></ul>

## **Grade 9:**

<b>Topics</b>	<b>Learning Intentions</b>
Similar figures	<ul style="list-style-type: none"><li>• Understand the relationship between similar lengths, areas and volumes</li><li>• Prove shapes are mathematically similar</li><li>• Solve problems involving similar figures</li></ul>
Trigonometry	<ul style="list-style-type: none"><li>• To be able to draw and recognise trigonometric graphs</li><li>• Find missing angles and sides in non-right angle triangles using trigonometry</li></ul>

## **How can you help?**

- Make sure your child comes to school prepared.
- Teach them to check and pack their own school bags so that they know exactly what is inside them.
- Make sure their books and stationery are marked with their name
- Ensure their pencil case is always stocked with stationery which MUST include: HB pencils, a rubber, a sharpener, a blue or black pen, a red pen, a 30cm-ruler, a Geometry Set, a scientific calculator, a glue stick, a whiteboard pen and easer and scissors
- Regularly check Bric and guide the children towards the completion of the task given as homework.
- Do not complete homework for your children or we cannot assess their needs and progress accurately
- Use BBC Bitesize with your child to review the learning Intentions: <http://www.bbc.co.uk/education>
- Use with your child to access further explanation of a topic [www.mathsisfun.com](http://www.mathsisfun.com)

## **Maths joke for Fathers and Mothers:**

**3 OUT OF 2  
PEOPLE  
HAVE  
TROUBLE  
WITH  
FRACTIONS**

The Maths Team