



PUTTING THE FUN BACK
INTO LEARNING!

Dear Parents and Guardians,

Welcome to the Mathematics Department January Curriculum Guide.

New teacher:

As of Monday 9th January Mr Umar's classes have had a new teacher. Mr Mohammed is an excellent and experienced teacher who has taught in an outstanding school in the UK and has more recently been working in Doha.

We are very happy to welcome him and look forward to seeing the progress your child makes under his direction.

You will have the opportunity to meet with Mr Mohammed at parents' evening on 30th and 31st January once he has got to know your children.

Mr Umar will no longer be teaching at Al Basma and I am sure you will join us in wishing him well in the future and thanking him for his work with your children.

If you have any general questions or concerns please contact Mr Steve.

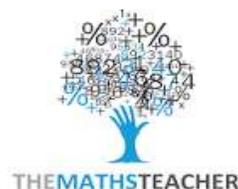
If you wish to contact Mr Mohammed in the future please use the email address below. Please give him some time to get to know your children and settle into the school routines by referring any issues or questions to Mr Steve for the next few weeks.

Maths lessons:

Children are streamed into ability groups for Maths so that the curriculum can be tailored to their needs to support and accelerate their progress. Therefore, different sets will cover the learning intentions at different level and rates. Their homework may therefore be different for different ability groups as it is tailored to their needs. Please feel free to contact your child's Maths' teacher should you have any queries.

The Maths Team:

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



Curriculum Content for January

Grade 6:

Topics	Learning Intentions
Investigating Properties of Shapes	<ul style="list-style-type: none">To investigate the properties of 3D shapesTo explore quadrilateralsTo analyse triangles
Algebraic Proficiency	<ul style="list-style-type: none">To understand the vocabulary and notation of algebraTo manipulate algebraic expressionsTo explore functionsTo evaluate algebraic statements

Grade 7:

Topics	Learning Intentions
Algebra	<ul style="list-style-type: none">To be aware of common scientific formulaeTo know the meaning of the 'subject' of a formulaTo change the subject of a formula when one step is requiredTo change the subject of a formula when a two steps are required
Exploring fractions, decimals and percentages	<ul style="list-style-type: none">To identify if a fraction is terminating or recurringTo recall some decimal and fraction equivalents (e.g. tenths, fifths, eighths)To write a decimal as a fractionTo explain a fraction in its lowest terms by cancelling common factorsTo use a calculator to change any fraction to a decimalTo explore a decimal as a percentageTo write a fraction as a percentage

Grade 8:

Topics	Learning Intentions
Data Handling	<ul style="list-style-type: none">To collect and organize dataTo draw and interpret graphs of discrete dataTo draw and interpret graphs of continuous data
3D Shapes	<ul style="list-style-type: none">To calculate the volume of 3D shapesTo calculate the surface area of 3D shapesTo convert between units of volume

Grade 9:

Topics	Learning Intentions
Simultaneous Equations	<ul style="list-style-type: none">To algebraically solve two simultaneous equations

	<ul style="list-style-type: none"> • To find solutions to simultaneous equations from the point of intersection • To draw graphs of simultaneous equations
Vector Geometry	<ul style="list-style-type: none"> • To recognise magnitude and direction of a vector • To distinguish the three forms of vector notation • To identify equal vectors • To calculate the magnitude of a vector • To detect parallel vectors • To multiply a vector

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

Maths joke for Fathers and Mothers:

Q: Why did the maths textbook look so sad?

A: Because it had so many problems.

Thank you for your ongoing support

The Maths Team