

# AL AMEEN PRIVATE SCHOOL

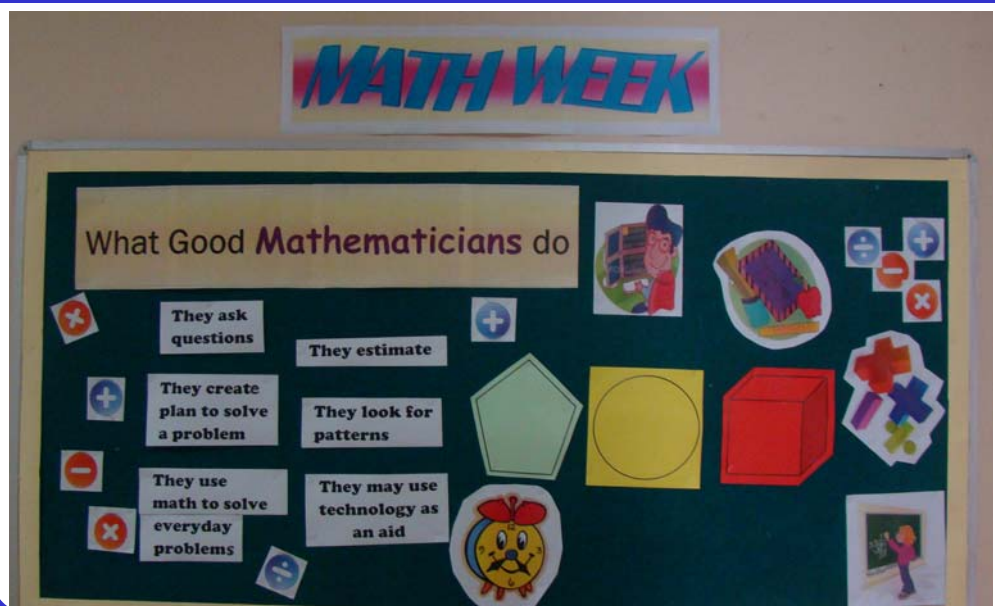
# M A T H W E E K

13th  
to  
17th  
November  
2011

**Math Week is a premier mathematics event in our school's calendar.**

**In its 4th year of operation Math Week has moved from strength to strength and this year there are more mathematic initiatives, more prizes and more challenges!**

**Are you ready?**



# Aims

- **To develop pupils' knowledge and enjoyment of mathematics.**
- **To create a mathematically literate workforce.**
- **To develop the pupils' awareness of links between math and other subject areas.**
- **To promote the positive aspects of the subject, and ensure that pupils are aware of its practical uses in life.**



# Key Stage 3 and 4 Activities

<ul style="list-style-type: none"><li>• <b>Making Nets and Models of Platonic Solids</b></li></ul>	
<ul style="list-style-type: none"><li>• <b>Creating Biographies of Mathematicians (Their life and times, achievements &amp; contributions) ; Presenting it in a booklet form</b></li></ul>	<b>Yr 7</b>
<ul style="list-style-type: none"><li>• <b>Poster/collage making competition (Theme: What Math means to me)</b></li></ul>	
<p><b>Math in Nature; Draw inspiration from the arrangement of flower petals / the symmetry in snow flakes... All the effects of nature are only mathematical results of a small number of immutable laws.”</b></p> <p><b>Presenting it in a booklet form</b></p>	<b>Yr 8</b>
<ul style="list-style-type: none"><li>• <b>“Math in the real world”; Application math: How numbers rule our lives. Explore Finance and Statistics, Engineering, Computing, Cookery, Astronomy etc...Presenting it in a booklet form</b></li></ul>	<b>Yr 9</b>
<ul style="list-style-type: none"><li>• <b>“Why is Math important in your life?”</b> <b>Designing a booklet based on the project</b></li></ul>	<b>Yr 10</b>
<ul style="list-style-type: none"><li>• <b>Display math problems /puzzles around the school and award prizes for winners</b></li></ul>	<b>Yrs 7-10</b>
<ul style="list-style-type: none"><li>• <b>Bulletin Board Displays</b></li></ul>	<b>Yrs 7-10</b>
<ul style="list-style-type: none"><li>• <b>Inter-House Math Quiz competition</b></li></ul>	<b>Yrs 7-10</b>

# Key Stage 1 and 2 ACTIVITIES

**The highlight of this year's Math Week in the Primary School is the Big Math Initiative.**

**'Big Maths' is based upon the principle that there are 4 core skills that lie at the heart of numeracy.**

**These core skills form the platform for virtually all other maths skills and are affectionately known as CLIC.**

**Counting  
Learn it  
It's nothing new!  
Calculations**

**Because it is so important for all children to make progress in all 4 core skills, 'Big Maths' involves teaching through the CLIC phases every day in a fun, engaging and lively manner.**

**In the Math Week Years 1 to 6 will be focussing on the LEARN IT!**

**In Year 1 only addition facts**

**In Year 2 there are the remaining 1 digit add 1 digit facts and facts from the X10, X5 and X2 tables**

**In Year 3 there are no addition facts since the focus is on the X3, X4 and X9 tables**

**In Year 4 the 6 multiplication facts from the X6, X7, X8 tables that have not already been learnt as part of earlier tables are tested along with all 36 of the addition facts.**

**In Year 5 and 6 all 36 addition facts and 36 multiplication facts are tested**

# Key Stage 1 and 2 ACTIVITIES

**Some of the other highlights of the week will be:**

- **The Math Trail**
- **The Math Wristband; Cross Curricular with Art & Design)**
- **A Math Dictionary & Math Poems (Cross Curricular with Literacy)**
- **Math Logo & Math Slogan (Developing Creativity and Decision Making Skills)**
- **Using ICT to create 3D images of mathematical shapes**
- **Math Challenges!**
- **Math in the UAE (Celebrating the 40<sup>th</sup> National Day)**
- **The Parents' Challenge! A challenging question will be emailed to the parents and all correct responses will be awarded a certificate.**

**So let the Math Whizz come forward and  
take center stage!**



# Foundation Stage Activities

## Foundation Stage 1

- Origami and maths, learn basic shapes.
- See through the binoculars and compare the size.
- Smell and sort (food items and scented items)
- Pom Pom game, feel and match.
- Listen and guess the numerical rhymes.
- Taste and count



## Foundation Stage 2

- Counting with Dominoes
- Estimation of the area of FS play area.
- Classroom telephone book
- Graph of sports equipments in school
- Mathematician's chair



## Algebra

Digits and decimals, too many D's,  
But wait until we start on these x, y and z's.  
Counting all those zeroes, makes me crazy  
So, use that scientific notation, don't be so lazy!!

A variable is a symbol like x, which as 1 value, not 2,  
Numbers are variables, jumbled disorderly,  
Are called equations, and are only solved Algebraically!!

Just remember there are co-efficient and constant terms  
And then, that your doubts should straighten!!

There are many other rules, guidelines and steps to Algebra  
But, we still have Geometry, Algebra 2 and Analysis to continue the fun!!!

Sakina Kalmuwala, Year 6, 2010-2011