

DAWOOD PUBLIC SCHOOL
Course Outline for the year 2011-2012
Mathematics
Class-II

Books:

Lu jitan, New Syllabus Primary Mathematics 2 along with practice books 2a& 2b, Singapore; Oxford University Press

Syllabus Aims and Assessment:

We emphasis on quality education instead of quantity of syllabi. So this year we designed our syllabi in this way that concepts of children should be cleared. We found this year some more things according to our syllabus to fulfill the requirement.

Aims:

The aims are to enable students to:

- Develop and apply basic numeracy skills.
- Develop skills in the number bonds, four operations and measurements.
- Tell the time and calculate time intervals.
- Develop understanding of shapes.
- Apply mathematics in everyday situations and develop an understanding of the part which mathematics plays in the world around them;
- Appreciate patterns and relationships in mathematics;
- Produce and appreciate imaginative and creative work arising from mathematical ideas.
- All skills are developed in the context of daily living.
- Undertaking the group of units as a coherent whole offers a number of benefits:
- To deliver an integrated, holistic learning experience.
- Balance and breadth of the candidate’s experiences and learning will be promoted.
- Practical activity may be integrated.
- Skills and abilities developed through practical activity support learning as a whole.

Assessment Objectives:

Monthly Syllabus:

August 2011	<ul style="list-style-type: none"> ● Numbers to 1000 ● Four Operations within 1000 ● Numbers to 10,000 ● Table of 2 & 3
September 2011	<ul style="list-style-type: none"> ● Four Operations of 4 digits ● Word Problems (3 digits) ● Table of 4- 6
October 2011	<ul style="list-style-type: none"> ● Fractions ● Comparing and Ordering Fractions ● Lines, curves
November 2011	● REVISION FOR MID TERM EXAMS
December 2011	● MID TERM EXAMS
January 2012	<ul style="list-style-type: none"> ● Time ● Table of 7 -8
February 2012	<ul style="list-style-type: none"> ● Revision of time ● Geometry , using ruler to draw line ● Table of 2- 8
March 2012	<ul style="list-style-type: none"> ● Word problems of 4- digit numbers ● Shapes (Square, triangle, Rectangle)
April 2012	● REVISION FOR FINAL EXAMS
May 2012	● FINAL TERM EXAMS

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Syllabus Content:

Theme or Topic	Subject Content
<ul style="list-style-type: none"> ● Numbers to 1000 Chap No.1 Pg No.2 ● Add and Subtraction within 1000 Chap No.2 Pg No.25 ● Using Models(Activity) 	<p><i>Students should be able to:</i> recognize difference between hundred, tens and units, more than and less than, greater than and smaller than and numbers in order</p> <p>solve short story sums of addition and subtraction, add and subtract with base ten blocks, simple addition and subtraction within 1000, add and subtract with re-grouping in ones and tens, subtract with numbers that have zeros</p> <p>do joining 2 or more sets of objects together, take away one or more sets</p>
<ul style="list-style-type: none"> ● Geometry Chap No. 12 Pg No.203 	<p>definition, draw a line using ruler</p>
<ul style="list-style-type: none"> ● Multiplication and Division Chap No.3,4,8,9 Pg No. 56, 73, 139, 151 	<p>know how to multiply and divide</p> <p>multiply by 2 and 3 by using dot paper, short cuts, division finding number of items in groups</p>
<ul style="list-style-type: none"> ● Mental Calculations Work Sheets 	<p>add and subtract to 100 mentally</p>
<ul style="list-style-type: none"> ● Fractions Chap No. 10 Pg No.167 ● Time Chap No.11 Pg No.187 	<p>understand fractions, parts of a whole, taking away and adding on and comparing and ordering fraction</p> <p>read and write times, write time in a.m or p.m, know the difference between both and take time in hours and minutes and duration of time</p>
<ul style="list-style-type: none"> ● Geometry Chap No.12 Pg No.203 	<p>measure lines, get an idea about lines, curves, flat and curved surfaces, draw lines</p> <p>Work Sheets shall be done and given.</p>

Activities:

August 2011	<ul style="list-style-type: none"> ● Mental Maths ● Maths activity calendar
September 2011	<ul style="list-style-type: none"> ● Puzzle ● Maths activity calendar
October 2011	<ul style="list-style-type: none"> ● Maths Fun Activity ● Maths activity calendar
November 2011	<ul style="list-style-type: none"> ● Maths Quiz/ MCQs ● Maths activity calendar
December 2011	<ul style="list-style-type: none"> ● MID TERM EXAMS
January 2012	<ul style="list-style-type: none"> ● Mental Maths ● Maths activity calendar
February 2012	<ul style="list-style-type: none"> ● Puzzle ● Maths activity calendar
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Assessment and Home Work:

Students will be assessed by taking test of each and every chapter. Home Work shall be given on a daily basis.

Resource List:

- My Pals are her Book 1a and 1 b
- Understanding Maths Book 1,2
- Progressive Mathematics Book 1,2
- Count Down Mathematics Book 1,2
- SPMG Mathematics Book 1,2

