

Mathematics 1

Teachers: Miss Veronica Surjani

Time: 8 x 35 minutes per week

Course Description:

The Grade 1 Mathematics package adopts the concrete to abstract approach in the presentation of mathematical concepts, skills and problem-solving strategies. When pupils are familiar with the ideas taught, they can progress to a more advanced or abstract stage without the use of manipulatives.

Research has shown that this approach helps pupils to construct mathematical knowledge. The Grade 1 package also places emphasis on equipping pupils with the relevant thinking skills and heuristics for problem-solving. This will help pupils develop higher order thinking skills.

Resources:

My Pals Are Here! Mathematics Course book 1A and 1B

My Pals Are Here! Mathematics Practice book 1A Parts 1 and 2, 1B Parts 1 and 2

My Pals Are Here! Mathematics Homework book 1A and 1B

Additional resources: In Step Maths, Varsha Primalani, Karen Quek and Teh Pick Ching, EPB

How to Improve your Mathematics, Andrew Er, Primary 1

Step by Step Maths, Simon Eio, Primary 1

Maths Companion, Andrew Er, Primary 1

Prerequisites: Successfully completed KB requirements

Main Topics Covered:

Q 1

- Numbers to 10
- Number Bonds
- Review/ Test 1
- Addition and Subtraction Within 10
- Solving word problems : Addition and subtraction
- Review/Test 2

Q 2

- Shapes and Patterns
- Ordinal Numbers
- Review/ Test 3
- Numbers to 20
- Addition and Subtraction Within 20
- Length
- Review/ Test 4

Q 3

- Mass
- Picture Graphs
- Numbers to 40
- Review/Test 5
- Mental Calculation
- Multiplication
- Review/ Test 6

Q 4

- Division
- Time
- Review/ Test 7
- Numbers to 100
- Money 1 and 2
- Review/ Test 4

Homework:

We expect students to spend around 15 minutes to do their homework every night.

Quiz and Test:

Topic test will be given twice every quarter.

Remarks:

Should you have any questions do not hesitate to ask me at:
veronica@acsjakarta.sch.id