

Making Sense of Mathematics through Learning Experiences



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Vision: Hearts of Service * Minds of Inquiry * Joy in Learning * Confidence in Life

Mission: Together we bring out the best in every child for a better nation.

Motto: Standing Tall Achieving Results

School Core Values:

Loyalty * Honesty * Compassion * Diligence * Excellence * Unity * Resilience * Self-Discipline

Making Connections

Most students view Maths as a subject that has no **connection** to other school activities or to their daily lives. We can correct this kind of “disconnection” by:

- Making them more aware of how Maths is part of their everyday life
- Blending Maths instruction with other subjects (e.g. reading a story that involves counting)
- Broadening the teaching of Maths to include activities at home and in the community

Primary 1 Mathematics

Topics :

- Numbers to 100
- Addition and Subtraction
- Multiplication and Division
- Money
- **Length**
- **Time**
- **Shapes**
- **Picture Graphs**

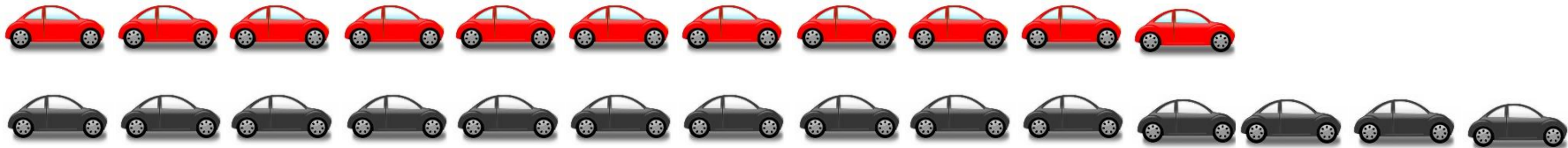
Primary 1 Mathematics

Example of a 1-step word problem

Peter has 11 toy cars.

Ravi has 3 more toy cars than Peter.

How many toy cars does Ravi have?



Targeting Mathematics 1B Textbook p.36

Primary 1 Mathematics

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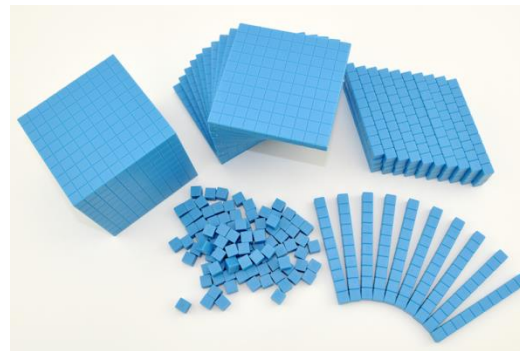
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Learning Experiences

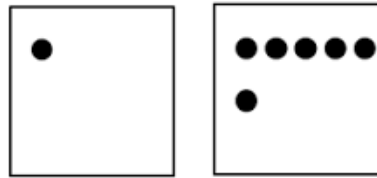
Students will have the opportunities to:

- Use concrete materials like multi-link cubes and counters to represent and compare numbers in terms of tens and ones, and use language such as “more than”, “fewer than”, “the same as” and “as many as” to describe the comparison

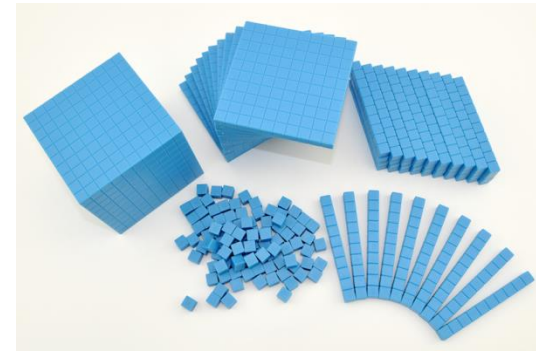


Learning Experiences

- Play games using dot cards, picture cards and numeral cards etc for number recognition and comparison



- Achieve mastery of basic addition and subtraction facts within 20 using a wide range of games
- Use base-ten sets for addition and subtraction



Learning Experiences

- Share a given number of concrete objects/picture cutouts and explain how the sharing is done and whether the objects can be shared equally
- Divide a set of concrete objects into equal groups and discuss the grouping and sharing concepts of division
- Work in groups using play money to add, subtract and make change during shopping activities



How You Can Support

Talk about use of Maths in everyday situations

- Dialling a number on the phone
- Telling the dates
- Telling the time
- Counting items in the shopping cart
- Estimating the amount of money
- Sorting out the toys, washing

How You Can Support

Play games

- Playing number-based board games
- Building blocks
- Finding patterns, creating patterns
- Spotting shapes (I Spy)
- Simple addition games: adding up the digits on the car license plates while on car trips etc

How You Can Support

Be involved in your child's learning in school and at home

Ask – what they have learned at school

Praise – for the effort made

Encourage – continued effort in the home and school

Primary 1 Mathematics

Online Resources

<http://mathstory.com/>

<http://www.learningplanet.com/>

<http://www.internet4classrooms.com/>

<http://www.aplusmath.com/>

<http://www.coolmath.com/>

<http://www.eduplace.com/kids/mw/>

<http://www.funbrain.com/>

<http://www.fun4thebrain.com/>

<http://www.mathplayground.com/>