

# Mathematics Grade 2 Curriculum



Sessions 1 to 53



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## Sessions 1 - 10



### Numbers up to 200

- Recap to Numbers up to 120
- Read and Write numbers upto 200
- Identify Place Value and Write Numbers up to 200 in Expanded Form
- **RDP Session(Revision, Doubt and Practice Session)** 
- Compare and Order Numbers up to 200
- Skip Count Numbers up to 100 by 2s, 3s and 5s
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-1** 

## Sessions 11 - 19



### Number Systems

- Read and Write Numbers up to 1000
- Understand the Place Value in 3-Digit Numbers and Express them in Expanded forms
- Compare, Order, and Form 3-Digit Numbers
- **RDP Session(Revision, Doubt and Practice Session)** 
- Round Off 3-Digit Numbers
- Skip Count 3-Digit Numbers by 5, 10, and 100
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-2** 

## Sessions 20 - 33



### Addition and Subtraction

- Recap of Addition and Subtraction of Numbers up to 100
- Add and Subtract Numbers up to 100 mentally
- Add Numbers up to 1000
- **RDP Session(Revision, Doubt and Practice Session)** 
- Subtract Numbers up to 1000
- Estimate the Sum and Difference
- Solve Real World Problems on Addition and Subtraction of Numbers up to 1000
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-3** 

## Sessions 34 - 45



### Multiplication and Division

- Multiply using repeated addition and learn multiplication tables and facts
- Understand the standard multiplication algorithm for 3-digit numbers
- Understand division by number of groups and number of objects per group
- **RDP Session(Revision, Doubt and Practice Session)** 
- Solve problems on multiplication and division facts
- Understand properties of multiplication
- Subtract Numbers up to 1000
- **RDP Session(Revision, Doubt and Practice Session)** 
- Solve problems involving mental multiplication and division
- Identify patterns using multiplication
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-4** 

## Sessions 46 - 53



### Time

- Recap: Understand Integral Hours
- Understand Time in Hours and Minutes (and the term half past)
- Calculate the Time that has passed
- **RDP Session(Revision, Doubt and Practice Session)** 
- Understand days, months and the calendar
- Understand sandglass and analog clock, and a.m. and p.m.
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-5** 

# Mathematics Grade 2 Curriculum



Sessions 54 - 96



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## Sessions 54 - 63

### Shapes and Patterns

- Identify Straight and Curved Lines
- Identify Horizontal, Vertical, and Oblique Lines
- Identify plane shapes and their properties
- **RDP Session(Revision, Doubt and Practice Session)** 
- Identify open and closed figures
- Understand solid shapes and their motion
- **RDP Session(Revision, Doubt and Practice Session)** 
- Complete patterns
- Create patterns
- Differentiate between man-made and natural patterns
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-6** 

## Sessions 64 - 70

### Measurement

- Measure and compare lengths using cm
- Perform operations on lengths and unit conversions
- **RDP Session(Revision, Doubt and Practice Session)** 
- Measure weights and perform operations on weight
- Measure capacity and perform operations on capacity
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-7** 

## Sessions 71 - 74

### Pictograph

- Interpret Data
- Represent and Interpret Data
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-8** 

## Sessions 75 - 79

### Money

- Count and Compare Money
- Perform Arithmetic Operations on Money
- Understand the concept of Currency
- **RDP Session(Revision, Doubt and Practice Session)** 
- **Checkpoint Assessment-9** 

## Sessions 80

### Final Assessment

## Sessions 81 - 96

### Vedic Maths

- Fast Addition
- Multiplication by Doubling Method
- Subtraction Left to Right
- Mental Subtraction of up to 2 digit number from 100
- Magical 9
- Multiplication trick by 99
- Division by 9 without using tables
- Division by 11 using Subtraction

### Mental Ability/ Logical Reasoning

- Ranking Test
- Analogy
- Alphabet Test
- Coding Decoding