



ALL INDIA COUNCIL FOR TECHNICAL SKILL DEVELOPMENT

अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

Syllabus

Albert Einstein International Scholarship Test -2023

Class - 4

- **Numbers**

- Digit Numbers
- Representing 1000 On The Abacus
- Place Value
- Place Value And Expanded Form
- Ordering Of Numbers
- Odd And Even Numbers
- Successor And Predecessor
- Roman Numerals

- **Addition**

- Adding 4-Digit Numbers Without carrying Over
- Digit Addition with carrying Over
- Addition of Three Or More Numbers
- Properties of Addition

- **Subtraction**

- Subtracting 4-Digit Numbers Without Borrowing
 - Digit Subtraction with Borrowing
 - Properties of Subtraction
 - Addition and subtraction
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- **Multiplication**

- Multiplying 3- And 4-Digit Numbers by A 1-Digit Number
 - Properties of Multiplication
 - Multiplying By 10, 20, 30, ., 90
 - Multiplying By 100, 200, , 900
 - Multiplication Tables 11-20
 - Distributive Property of Multiplication
 - Multiplying by A 2-Digit Number
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- **Division**

- Properties of Division
 - Dividing A 2-Digit Number by A 1-Digit Number
 - Dividing A 3-Digit Number by A 1-Digit Number
 - Division with Remainder
 - Relationship Between Divisor, Dividend, Quotient and Remainder
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- **Fractions**

- Fraction On the Number Line
 - Comparison of Fractions
 - Equivalent Fractions
 - Fraction of Collection of Objects
 - Addition of The Fraction with The Same Denominator
 - Addition of Fractions On the Number Line
 - Subtraction of Fractions with The Same Denominator
 - Subtraction on the Number Line
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- **Money**

- Conversion Of Rupees Into Paise
 - Conversion Of Paise To Rupees
 - Addition Of Money
 - Subtraction Of Money
 - Multiplication Of Money
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- **Time**

- The Calendar
 - The Clock
 - A.M And P.M
 - Conversion Of Time
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- **Decimals**

- Extending The Place Value Chart To Tenths
 - Extending The Place Value Chart Hundredths And Thousandths
 - Converting Fractions Into Decimals
 - Converting Decimals Into Fractions
 - Equivalent Decimals
 - Expanded Form Of Decimals
 - Comparing Decimals
 - Addition Of Decimals
 - Subtraction Of Decimals
 - Use Of Decimals
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- Profit And Loss
 - Profit And Loss
 - Finding Selling Price
 - Finding Cost Price
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