

# GRADE – 5

## CBSE

### CBSE – MATH

<b>Large Numbers:</b> The Indian Place – Value System, Expanded Form, Order Relations, The International Place – Value System, Addition And Subtraction, Multiplication, Division, Dividing 5 – Digit And Higher Numbers By A 2 – Digit Number, Dividing 5 – Digit And Higher Numbers By A 3 – Digit Number
<b>Tests Of Divisibility:</b> Basic Tests Of Divisibility, Other Tests Of Divisibility
<b>Factors, H.C.F And L.C.M. :</b> Factors And Multiples, Prime Factors And Finding Prime Factors Of A Numbers, Factor Tree, Highest Common Factor (H.C.F.), Lowest Common Multiple (L.C.M.), Relationship Between H.C.F. And L.C.M.
<b>Fractions:</b> Revision, Multiplying A Fractional Number By A Whole Number, Properties Of Multiplication Of Fractional Numbers, Multiplication Of More Than Two Fractional Numbers, Multiplicative Inverse Or Reciprocal, Dividing A Fractional Number By A Whole Number, Dividing A Whole Number By A Fractional Number, Dividing A Fractional Number By A Fractional Number, Properties Of Division Of Fractional Numbers
<b>Decimals:</b> Converting Fractions With 10, 100 As Denominators Into Decimals, Converting Decimals Into Fractions, Like And Unlike Decimals, Ordering Of Decimals, Addition And Subtraction Of Decimals, Multiplication Of A Decimal Number By A Whole Number, Division And Multiplication Of A Decimal Number By 10, 100, 100, Multiplication Of A Decimal Number By A Decimal Number, Division Of A Decimal Number By A Whole Number, Another Decimal Number, Converting A Fractional Number Into A Decimal Number
<b>More About Numbers:</b> Rounding Numbers, Roman Numerals
<b>Percentages:</b> Expressing Fraction As Percentages, Converting Percentages To Fractions, Expressing Percentages As Decimals, Expressing Decimals As Percentages, Finding Percentage Of A Number, Money And Metric Measures As Percentages, Why Do We Use Percentages?
<b>Averages</b>
<b>Profit And Loss:</b> Profit And Loss Expressed As A Percentage, Finding The Selling Price When Profit Or Loss Percent Is Given
<b>Simple Interest:</b> Rate Of Interest
<b>Unitary Method</b>

<b>Bills</b>
<b>Time:</b> Revision, Finding Number Of Days From One Date To Another, Railway And Air Timings, Time Intervals
<b>Temperature:</b> Body Temperature, Weather – Hot Or Cold, Converting From Celsius To Fahrenheit, Converting From Fahrenheit To Celsius
<b>Metric Measures:</b> Length, Mass, Capacity, Converting From Higher To Lower Units, Conversion Of Lower Units To Higher Units, Addition And Subtraction Of Metric Measures, Multiplication Of Metric Measures, Division Of Metric Measures
<b>Area And Volume:</b> Area, Area Of Irregular Shapes, Area Of A Rectangle Or Square, Finding Length Or Breadth, Perimeter, Volume, Volume Of A Cube, Volume Of A Cuboid
<b>Geometry – Lines And Angles:</b> Concept Of A Plane, Angles, Measuring Angles, Types Of Angles, Constructing Angles Using Compass And Ruler, Types Of Lines
<b>Geometry – Circles, Triangles And Nets:</b> Circles And Chord Of A Circle, Arc And Semicircle, Construction Of Circles Using A Compass, Interior And Exterior Of A Circle, Circumference, Triangles, Types Of Triangles, Nets Of Solids
<b>Algebra:</b> What Is Algebra?, Constants And Variables, Coefficients, Like And Unlike Terms, Algebraic Expressions

## **CBSE – SCIENCE**

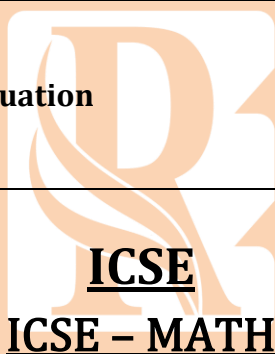
<b>Living Things:</b> Characteristics Of Living Things, Grouping Things
<b>Plant Life:</b> How Do Plant Reproduce?, Seed Germination, Dispersal Of Seeds, Crops
<b>Animal Life:</b> Different Body Coverings, Different Eating Habits, Different Methods Of Moving
<b>Interdependence In Nature:</b> Living Things Depend On Nonliving Things, Plants And Animals Are Dependent On Each Other, Food Relationships
<b>Bones And Muscles:</b> The Skeletal System, Joints, The Muscular System
<b>The Nervous System:</b> The Brain, Sense Organs, Reflex Action
<b>Food And Health:</b> Nutrients In Food, A Balanced Diet, Diseases – Types Of Diseases, Exercise And Rest
<b>Safety And First Aid:</b> Accidents, Fire And First Aid

<b>Rocks And Minerals:</b> Igneous Rocks, Sedimentary Rocks, Metamorphic Rocks, Wealth From Rocks
<b>Soil Erosion And Conservation:</b> Soil – Soil Erosion, Soil Conservation
<b>Air, Water And Weather:</b> The Atmosphere, Air And Its Properties, Water Purification
<b>The Moon:</b> Moon – Phrases Of The Moon, Landing On The Moon, Eclipses, Artificial Satellites
<b>Simple Machines:</b> Simple Machines, The Lever, Inclined Plane, Screw, Pulley, Wheel And Axle
<b>The Environment:</b> Ecology, Environmental Problems, Pollution, Natural Resources, What Can Be Done?
<b>Natural Calamities:</b> Earthquakes, Cyclones And Floods, Drought

## **CBSE – ENGLISH**

<b>Building Blocks Of Language:</b> Basic Units Of A Sentence, Phrases, Clauses, Basic Sentence Types, Simple, Compound And Complex Sentences
<b>Nouns:</b> Proper Noun, Common Noun, Collective Noun, Countable Noun, Uncountable Noun
<b>Pro – Nouns:</b> Reflexive Pro – Noun, Emphatic Pro – Noun
<b>Adjectives:</b> Demonstrative Adjective, Possessive Adjective
<b>Adverbs:</b> Adverb Of Place, Adverb Of Manner, Adverb Of Time, Adverb Of Frequency
<b>Verbs:</b> Helping Verbs, Phrasal Verbs, Subject Verb Agreement
<b>Tenses:</b> Simple Present, Present Continuous, Simple Past, Past Continuous, Future Continuous
<b>Articles:</b> Definite Articles, Indefinite Articles
<b>Determiners:</b> This, That, These, Those
<b>Question Tags</b> <b>Punctuation Marks</b>

<b>Prepositions</b>
<b>Conjunctions:</b> And, But, Or
<b>Interjections:</b> Joy, Grief, Surprise, Approval
<b>Speech:</b> Direct Speech, Indirect Speech
<b>Sentences:</b> Statement, Interrogative (Questions), Exclamatory (!), Imperative
<b>Vocabulary:</b> Synonyms, Collocations, Antonyms, Similes And Metaphors, Homonyms
<b>Paragraph Writing</b>
<b>Letter Writing:</b> Formal, Informal
<b>Notice Writing</b> <b>Summary Writing</b> <b>Speaking About An Imaginary Situation</b> <b>Group Discussion</b> <b>Narrating A Story</b>



<b>Large Numbers:</b> The Indian Place – Value System, Expanded Form, Order Relations, The International Place – Value System, Addition And Subtraction, Multiplication, Division, Dividing 5 – Digit And Higher Numbers By A 2 – Digit Number, Dividing 5 – Digit And Higher Numbers By A 3 – Digit Number
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<b>Factors, H.C.F And L.C.M. :</b> Factors And Multiples, Prime Factors And Finding Prime Factors Of A Numbers, Factor Tree, Highest Common Factor (H.C.F.), Lowest Common Multiple (L.C.M.), Relationship Between H.C.F. And L.C.M.
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<b>Decimals:</b> Revision – Concept, Converting Fractions With 10, 100 As Denominators Into Decimals, Converting Decimals Into Fractions, Like And Unlike Decimals, Ordering Of

Decimals, Addition Of Decimals, Subtraction Of Decimals, Addition And Subtraction Of Decimals, Multiplication Of A Decimal Number By A Whole Number, Multiplication Of A Decimal Number By 10, 100, 1000, Multiplication Of A Decimal Number By A Decimal Number, Division Of A Decimal Number By A Whole Number, Remainder In Division Of Decimals, Division By 10, 100, 1000, Division Of A Decimal Number By A Decimal Number, Converting A Fractional Number Into A Decimal Number

**More About Numbers:** Rounding Numbers, Roman Numerals

**Percentages:** Expressing Fraction As Percentages, Converting Percentages To Fractions, Expressing Percentages As Decimals, Expressing Decimals As Percentages, Finding Percentage Of A Number, Money And Metric Measures As Percentages, Why Do We Use Percentages?

**Averages**

**Profit And Loss:** Profit And Loss Expressed As A Percentage, Finding The Selling Price When Profit Or Loss Percent Is Given

**Simple Interest:** Rate Of Interest

**Unitary Method  
Bills**

**Time:** Revision, Finding Number Of Days From One Date To Another, Railway And Air Timings, Time Intervals

**Temperature:** Body Temperature, Weather – Hot Or Cold, Converting From Celsius To Fahrenheit, Converting From Fahrenheit To Celsius

**Metric Measures:** Length, Mass, Capacity, Converting From Higher To Lower Units, Conversion Of Lower Units To Higher Units, Addition And Subtraction Of Metric Measures, Multiplication Of Metric Measures, Division Of Metric Measures

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**Geometry – Lines And Angles:** Concept Of A Plane, Angles, Measuring Angles, Constructing Angles, Types Of Angles, Constructing Angles Using Compass And Ruler, Types Of Lines

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**Algebra:** What Is Algebra?, Constants And Variables, Addition And Subtraction, Multiplication And Division, Coefficients, Algebraic Expressions, Value Of An Algebraic Expression, Like And Unlike Terms, Simplification

## **ICSE – SCIENCE**

**Living Things:** Characteristics Of Living Things, Grouping Things

**Plant Life:** How Do Plant Reproduce?, Reproduction From Seeds, Dispersal Of Seeds, Crops, To Grow Good Crops

**Animal Life:** Different Body Coverings, Different Eating Habits, Different Methods Of Moving, Some Animals Travel Long Distances

**Interdependence In Nature:** Living Things Depend On Nonliving Things, Plants And Animals Are Dependent On Each Other, Food Relationships

**Bones And Muscles:** The Skeletal System, Parts Of The Skeleton, Joints, The Muscular System

**The Nervous System:** The Brain, The Spinal Cord, Nerves, The Eyes, Reflex Action, Your Sense Organs, The Ears, The Nose, The Tongue, The Skin

**Food And Health:** Nutrients In Food, A Balanced Diet, Preserving Nutrients In Food, Diseases, Infectious Diseases, Spread Of Infectious Diseases, Prevention Of Infectious Diseases, Deficiency Diseases, Other Non – Communicable Diseases, Exercise And Rest

**Safety And First Aid:** Accidents, First Aid, Fire

**Rocks And Minerals:** Igneous Rocks, Sedimentary Rocks, Metamorphic Rocks, Wealth From Rocks

**Soil Erosion And Conservation:** Soil – Importance Of Soil, How Is Soil Formed?, Soil Erosion, Soil Conservation

**Air, Water And Weather:** The Atmosphere, What Is In The Atmosphere, The Atmosphere Protects Life, What Does Air Contain?, Air Occupies Space, Air Has Weight, Air Is Needed For Burning, Air Exerts Pressure, Using Air Pressure, Atmospheric Pollution, Water, Water Dissolves Many Things, Impurities In Water, Removing Insoluble Impurities, Removing Soluble Impurities, Drinking Water

**The Moon:** Moon – Conditions On The Moon, How The Moon Moves, Phases Of The Moon, Landing On The Moon, Eclipses, Artificial Satellites

**Simple Machines:** Simple Machines, The Lever, Inclined Plane, Screw, Pulley, Wheel And Axle

**The Environment:** Ecology, Environmental Problems, Pollution, Natural Resources, What Can Be Done?

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**Sentences:** Statement, Interrogative (Questions), Exclamatory (!), Imperative

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**EDU REDEFINE**