

Class 6th Maths Syllabus

Whole numbers

1. **A.1**
Place values in whole numbers
2. **A.2**
Word names for numbers
3. **A.3**
Roman numerals
4. **A.4**
Add and subtract whole numbers
5. **A.5**
Add and subtract whole numbers: word problems

Multiplication

1. **B.1**
Multiply whole numbers
2. **B.2**
Multiply whole numbers: word problems
3. **B.3**
Multiply numbers ending in zeroes
4. **B.4**
Multiply numbers ending in zeroes: word problems
5. **B.5**
Multiply three or more numbers
6. **B.6**
Multiply three or more numbers: word problems
7. **B.7**
Estimate products

Division

1. **C.1**
Divisibility rules
2. **C.2**
Division patterns with zeroes
3. **C.3**
Divide numbers ending in zeroes: word problems
4. **C.4**
Estimate quotients
5. **C.5**
Divide whole numbers - two-digit divisors

Number theory

1. **D.1**
Prime or composite
2. **D.2**
Identify factors
3. **D.3**
Prime factorisation
4. **D.4**
Prime factorisation with exponents
5. **D.5**
Highest common factor
6. **D.6**
Lowest common multiple
7. **D.7**
HCF and LCM: word problems

Decimals

1. **E.1**
What decimal number is illustrated?
2. **E.2**
Decimal place values
3. **E.3**
Word names for decimal numbers
4. **E.4**
Convert decimals to mixed numbers
5. **E.5**
Put decimal numbers in order
6. **E.6**
Inequalities with decimals
7. **E.7**
Round decimals
8. **E.8**
Round whole numbers and decimals: find the missing digit
9. **E.9**
Decimal number lines

Add and subtract decimals

1. **F.1**
Add and subtract decimal numbers
2. **F.2**

Add and subtract decimals: word problems

3. **F.3**

Estimate sums and differences of decimals

4. **F.4**

Maps with decimal distances

Fractions and mixed numbers

1. **G.1**

Fractions and mixed numbers

2. **G.2**

Understanding fractions: word problems

3. **G.3**

Equivalent fractions

4. **G.4**

Write fractions in lowest terms

5. **G.5**

Fractions: word problems

6. **G.6**

Lowest common denominator

7. **G.7**

Compare fractions with like and unlike denominators

8. **G.8**

Compare fractions: word problems

9. **G.9**

Convert between improper fractions and mixed numbers

10. **G.10**

Convert between decimals and fractions or mixed numbers

11. **G.11**

Put a mix of decimals, fractions and mixed numbers in order

Add and subtract fractions

1. **H.1**

Add and subtract fractions with like denominators

2. **H.2**

Add and subtract fractions with like denominators: word problems

3. **H.3**

Add and subtract fractions with unlike denominators

4. **H.4**

Add and subtract fractions with unlike denominators: word problems

5. **H.5**

Inequalities with addition and subtraction of like and unlike fractions

6. **H.6**

Add and subtract mixed numbers

7. **H.7**

Add and subtract mixed numbers: word problems

8. **H.8**

Estimate sums and differences of mixed numbers

Integers

1. **I.1**

Understanding integers

2. **I.2**

Integers on number lines

3. **I.3**

Graph integers on horizontal and vertical number lines

4. **I.4**

Compare and order integers

Operations with integers

1. **J.1**

Add integers using counters

2. **J.2**

Add integers

3. **J.3**

Subtract integers using counters

4. **J.4**

Subtract integers

5. **J.5**

Add and subtract integers: find the sign

6. **J.6**

Add and subtract integers: input/output tables

7. **J.7**

Add three or more integers

Mixed operations

1. **K.1**

Add, subtract, multiply or divide two whole numbers

2. **K.2**

Add, subtract, multiply or divide two whole numbers: word problems

3. **K.3**

Evaluate numerical expressions

4. **K.4**

Add and subtract decimals or fractions

5. **K.5**

Add and subtract decimals or fractions: word problems

6. **K.6**

Add, subtract, multiply or divide two integers

Problem solving and estimation

1. **L.1**

Estimate to solve word problems

2. **L.2**

Multi-step word problems

3. **L.3**

Word problems with extra or missing information

4. **L.4**

Guess-and-check word problems

5. **L.5**

Distance/direction to starting point

6. **L.6**

Use logical reasoning to find the order

Ratios and rates

1. **M.1**

Write a ratio

2. **M.2**

Write a ratio: word problems

3. **M.3**

Identify equivalent ratios

4. **M.4**

Write an equivalent ratio

5. **M.5**

Ratio tables

6. **M.6**

Unit rates and equivalent rates

7. **M.7**

Compare ratios: word problems

8. **M.8**

Do the ratios form a proportion?

9. **M.9**

Solve the proportion

10. **M.10**

Scale drawings: word problems

Units of measurement

1. **N.1**

Estimate metric measurements

2. **N.2**

Convert and compare metric units

3. **N.3**

Metric mixed units

4. **N.4**

Convert square and cubic units of length

5. **N.5**

Convert between cubic metres and litres

6. **N.6**

Compare temperatures above and below zero

Money

1. **O.1**

Find the number of each type of coin

2. **O.2**

Add and subtract money amounts

3. **O.3**

Add and subtract money amounts: word problems

4. **O.4**

Multiply money: word problems

5. **O.5**

Divide money amounts

6. **O.6**

Divide money amounts: word problems

Time

1. **P.1**

Elapsed time

2. **P.2**

Time units

3. **P.3**

Find start and end times

4. **P.4**

Convert between 12-hour and 24-hour time

5. **P.5**

Transportation schedules

Expressions and properties

1. **Q.1**

Write variable expressions

2. **Q.2**

Evaluate variable expressions

3. **Q.3**

Properties of addition and multiplication

4. **Q.4**

Multiply using the distributive property

5. **Q.5**

Write equivalent expressions using properties

6. **Q.6**

Properties of addition

7. **Q.7**

Properties of multiplication

8. **Q.8**

Solve for a variable using properties of multiplication

9. **Q.9**

Identify equivalent expressions

One-variable equations

1. **R.1**

Write variable equations: word problems

2. **R.2**

Solve equations using properties

3. **R.3**

Solve equations

Two-dimensional figures

1. **S.1**

Is it a polygon?

2. **S.2**

Types of angles

3. **S.3**

Measure angles with a protractor

4. **S.4**

Regular and irregular polygons

5. **S.5**
Number of sides in polygons
6. **S.6**
Classify triangles
7. **S.7**
Identify trapeziums
8. **S.8**
Classify quadrilaterals
9. **S.9**
Graph triangles and quadrilaterals
10. **S.10**
Find the unknown angle in triangles and quadrilaterals
11. **S.11**
Lines, line segments and rays
12. **S.12**
Parallel, perpendicular and intersecting lines
13. **S.13**
Parts of a circle

Symmetry and transformations

1. **T.1**
Lines of symmetry
2. **T.2**
Rotational symmetry
3. **T.3**
Reflection, rotation and translation
4. **T.4**
Identify congruent and similar figures

Constructions

1. **U.1**
Construct the midpoint or perpendicular bisector of a segment
2. **U.2**
Construct an angle bisector
3. **U.3**
Construct a perpendicular line
4. **U.4**
Construct an equilateral triangle or regular hexagon

Three-dimensional figures

1. **V.1**

Identify three-dimensional figures

2. **V.2**

Count vertices, edges and faces

3. **V.3**

Which figure is being described?

4. **V.4**

Nets of three-dimensional figures

5. **V.5**

Three-dimensional figures viewed from different perspectives

Geometric measurement

1. **W.1**

Perimeter

2. **W.2**

Area of squares and rectangles

3. **W.3**

Area of compound figures

4. **W.4**

Area between two rectangles

5. **W.5**

Area and perimeter of figures on grids

6. **W.6**

Area and perimeter: word problems

7. **W.7**

Use area and perimeter to determine cost

8. **W.8**

Volume of figures made of unit cubes

Data and graphs

1. **X.1**

Interpret pictographs

2. **X.2**

Create pictographs

3. **X.3**

Interpret stem-and-leaf plots

4. **X.4**

Create stem-and-leaf plots

5. **X.5**

Interpret line plots

6. **X.6**

Create line plots

7. **X.7**

Create frequency tables

8. **X.8**

Interpret bar graphs

9. **X.9**

Create bar graphs

10. **X.10**

Interpret histograms

11. **X.11**

Create histograms

12. **X.12**

Interpret line graphs

13. **X.13**

Create line graphs

Probability

1. **Y.1**

Combinations

2. **Y.2**

Make predictions

3. **Y.3**

Compound events - find the number of outcomes by counting

Class 6th English Syllabus

Reading strategies

Main idea

1. **A.1**
Determine the main idea of a passage

Theme

1. **B.1**
Match the quotations with their themes
2. **B.2**
Determine the themes of short stories

Author's purpose and tone

1. **C.1**
Which sentence is more formal?
2. **C.2**
Compare passages for tone
3. **C.3**
Identify author's purpose

Text structure

1. **D.1**
Compare and contrast in informational texts
2. **D.2**
Match causes and effects in informational texts
3. **D.3**
Match problems with their solutions
4. **D.4**
Identify text structures

Literary devices

1. **E.1**
Interpret figures of speech
2. **E.2**
Classify figures of speech
3. **E.3**
Analyse the effects of figures of speech on meaning and tone

Analysing literature

1. **F.1**

Analyse short stories

Analysing informational texts

1. **G.1**
Read and understand informational passages
2. **G.2**
Trace an argument

Comparing texts

1. **H.1**
Compare two texts with different genres

Visual elements

1. **I.1**
Compare illustrations of literary and historical subjects

Writing strategies

Organising writing

1. **J.1**
Order topics from broadest to narrowest
2. **J.2**
Organise information by main idea
3. **J.3**
Transitions with conjunctive adverbs

Developing and supporting arguments

1. **K.1**
Distinguish facts from opinions
2. **K.2**
Choose evidence to support a claim
3. **K.3**
Identify supporting details in informational texts
4. **K.4**
Identify supporting details in literary texts
5. **K.5**
Identify counterclaims

Creative techniques

1. **L.1**
Use personification

Editing and revising

1. **M.1**
Use the correct frequently confused word
2. **M.2**
Correct errors with frequently confused words
3. **M.3**
Suggest appropriate revisions

Research skills

1. **N.1**
Identify and correct plagiarism

Vocabulary

Prefixes and suffixes

1. **O.1**
Words with pre-
2. **O.2**
Words with re-
3. **O.3**
Words with sub-
4. **O.4**
Words with mis-
5. **O.5**
Words with un-, dis-, in-, im- and non-
6. **O.6**
Words with -ful
7. **O.7**
Words with -less
8. **O.8**
Words with -able and -ible

Greek and Latin roots

1. **P.1**
Use Greek and Latin roots as clues to the meanings of words
2. **P.2**
Use the meanings of words as clues to the meanings of Greek and Latin roots
3. **P.3**
Use words as clues to the meanings of Greek and Latin roots
4. **P.4**
Determine the meanings of Greek and Latin roots

5. **P.5**

Determine the meanings of words with Greek and Latin roots

Synonyms and antonyms

1. **Q.1**

Choose the synonym

2. **Q.2**

Find synonyms in context

3. **Q.3**

Choose the antonym

4. **Q.4**

Find antonyms in context

Homophones

1. **R.1**

Use the correct homophone

2. **R.2**

Which definition matches the sentence?

3. **R.3**

Which sentence matches the definition?

Shades of meaning

1. **S.1**

Describe the difference between related words

2. **S.2**

Positive and negative connotation

Analogies

1. **T.1**

Analogies

2. **T.2**

Analogies: challenge

Context clues

1. **U.1**

Find words using context

2. **U.2**

Determine the meaning of words using synonyms in context

3. **U.3**

Determine the meaning of words using antonyms in context

4. **U.4**

Use context to identify the meaning of a word

5. **U.5**

Determine the meaning of domain-specific words with pictures

Reference skills

1. **V.1**

Alphabetical order

2. **V.2**

Use guide words

3. **V.3**

Use dictionary entries

4. **V.4**

Use dictionary definitions

5. **V.5**

Use thesaurus entries

Grammar and mechanics

Sentences, fragments and run-ons

1. **W.1**

Is the sentence declarative, interrogative, imperative or exclamatory?

2. **W.2**

Identify the complete subject or complete predicate of a sentence

3. **W.3**

Identify the simple subject or simple predicate of a sentence

4. **W.4**

Identify the compound subject or compound predicate of a sentence

5. **W.5**

Is it a complete sentence or a fragment?

6. **W.6**

Is it a complete sentence or a run-on?

7. **W.7**

Is it a complete sentence, a fragment or a run-on?

8. **W.8**

Identify dependent and independent clauses

9. **W.9**

Is the sentence simple, compound or complex?

Nouns

1. **X.1**

Identify common and proper nouns

2. **X.2**
Form plurals of nouns ending in f, fe, o and y
3. **X.3**
Form and use plurals of nouns ending in f, fe, o and y
4. **X.4**
Form plurals: review
5. **X.5**
Form and use plurals: review
6. **X.6**
Identify plurals, singular possessives and plural possessives
7. **X.7**
Form the singular or plural possessive
8. **X.8**
Identify and correct errors with plural and possessive nouns

Pronouns and antecedents

1. **Y.1**
Identify pronouns and their antecedents
2. **Y.2**
Use the pronoun that agrees with the antecedent
3. **Y.3**
Identify vague pronoun references
4. **Y.4**
Identify all of the possible antecedents
5. **Y.5**
Correct inappropriate shifts in pronoun number and person

Pronoun types

1. **Z.1**
Choose between subject and object pronouns
2. **Z.2**
Compound subjects and objects with 'I' and 'me'
3. **Z.3**
Compound subjects and objects with pronouns
4. **Z.4**
Use possessive pronouns
5. **Z.5**
Choose between personal and reflexive pronouns
6. **Z.6**

Use reflexive pronouns

7. **Z.7**

Is the pronoun reflexive or intensive?

8. **Z.8**

Identify relative pronouns

9. **Z.9**

Use relative pronouns: who and whom

10. **Z.10**

Use relative pronouns: who, whom, whose, which and that

Verb types

1. **AA.1**

Identify main verbs and helping verbs

2. **AA.2**

Identify transitive and intransitive verbs

3. **AA.3**

Identify linking verbs, predicate adjectives and predicate nouns

4. **AA.4**

What does the modal verb show?

5. **AA.5**

Use the correct modal verb

Subject-verb agreement

1. **BB.1**

Use the correct subject or verb

2. **BB.2**

Use the correct verb – with compound subjects

Verb tense

1. **CC.1**

Irregular past tense: review

2. **CC.2**

Simple past, present and future tense: review

3. **CC.3**

Correct inappropriate shifts in verb tense

4. **CC.4**

Use the progressive verb tenses

5. **CC.5**

Form the progressive verb tenses

6. **CC.6**

Choose between the past tense and past participle

7. **CC.7**
Use the perfect verb tenses
8. **CC.8**
Form the perfect verb tenses

Adjectives and adverbs

1. **DD.1**
Identify adjectives
2. **DD.2**
Order adjectives
3. **DD.3**
Identify adverbs
4. **DD.4**
Use relative adverbs
5. **DD.5**
Choose between adjectives and adverbs
6. **DD.6**
Is the word an adjective or adverb?
7. **DD.7**
Form and use comparative and superlative adjectives
8. **DD.8**
Good, better, best, bad, worse and worst
9. **DD.9**
Form and use comparative and superlative adverbs
10. **DD.10**
Well, better, best, badly, worse and worst

Prepositions

1. **EE.1**
Identify prepositions
2. **EE.2**
Identify prepositions and their objects
3. **EE.3**
Identify prepositional phrases
4. **EE.4**
Prepositions: review

Conjunctions

1. **FF.1**
Use coordinating conjunctions

2. **FF.2**
Identify coordinating conjunctions
3. **FF.3**
Identify subordinating conjunctions
4. **FF.4**
Use the correct pair of correlative conjunctions
5. **FF.5**
Fill in the missing correlative conjunction

Contractions

1. **GG.1**
Pronoun-verb contractions
2. **GG.2**
Contractions with 'not'

Punctuation

1. **HH.1**
Commas with compound and complex sentences
2. **HH.2**
Commas with direct addresses, introductory words, interjections and interrupters
3. **HH.3**
Commas with coordinate adjectives
4. **HH.4**
Commas with non-restrictive elements
5. **HH.5**
Use dashes

Capitalisation

1. **II.1**
Correct capitalisation errors
2. **II.2**
Capitalising titles

Formatting

1. **JJ.1**
Formatting titles
2. **JJ.2**
Formatting and capitalising titles: review