

**Vivekananda World School**  
**Bright Future Scholarship Program (2024-25)**  
**Grade-9**

**Subject- Science**

**SECTION 1 -**

- Chapter 1: Frictions
- Chapter 2: Crop production and management
- Chapter 3: Reproduction in Living organisms
- Chapter 4: Microorganisms: Friends or Foe
- Chapter 5: Force and Pressure
- Chapter 6: Reaching the Age of Adolescence
- Chapter 7: Electric Currents and Its Effects
- Chapter 8: Sound and Its Propagation
- Chapter 9: Coal and Petroleum

**SECTION 2 –**

**Subject: English**

- Chapter1 : Comprehension
- Chapter2: Parts of Speech (Noun, Pronoun, Verb, Adverb, Adjective, Preposition, Conjunctions, Interjections)
- Chapter4 : Clauses
- Chapter 5: Synonyms and Antonyms
- Chapter 6: Tenses
- Chapter 7: Degrees of comparison
- Chapter 8: Punctuation
- Chapter 9 : Editing Task (Omissions)
- Chapter 10 :Editing Task (Error Correction)
- Chapter 11 : Active and Passive
- Chapter 12: Direct and Indirect
- Chapter 13 : Rearrangement of Words (Jumbled Words)
- Chapter 14 : Notice Writing
- Chapter 15: Message Writing
- Chapter 16: Dialogue Writing
- Chapter 17: Letter writing
- Chapter 18 : Idioms
- Chapter19: Synonyms and Antonyms
- Chapter 20: Unscramble
- Chapter 21: Jumbled Sentences
- Chapter 22: Simple, Complex and Compound Sentence

**SECTION 3 –**

**Subject: Mathematics and Logical Reasoning**

Practical Geometry ,Perimeter and Area /Radius and Diameter, Time, Profit and Loss, Volume, Decimals, Algebraic Expressions, Percentage and its Properties, Integers, Ratio and Proportion, Data Handling, Fractions, Direct and Inverse Proportions , Playing with numbers , Roman Numerals, Square & Square Roots, Cube & Cube Roots, Mensuration, Factorization, Triangles and its Properties, Rational Numbers, Exponents and Powers, Linear Equations in one Variable, Understanding Quadrilaterals, Reflection and Rotation, Congruence of Triangles, Comparing Quantities, Interest, Mirror Image, Sequence and Series, Simplify, Graphs, Coding, Reasoning