| **Syllabus for Gujarat Class 8****Mathematics Semester 1** |
| --- |
| **Chapters** | **Name of the Chapters** |
| Chapter 1 | Cube and Cube Roots |
| Chapter 2 | Rational Numbers |
| Chapter 3 | Rational Indices |
| Chapter 4 | Introduction to Set |
| Chapter 5 | Expansion |
| Chapter 6 | Quadrilateral |
| Chapter 7 | Area and Volume of Cylinder |
| **Mathematics Semester 2** |
| Chapter 8 | Banking |
| Chapter 9 | Compound Interest |
| Chapter 10 | Work and Remuneration |
| Chapter 11 | Factorization - 1 |
| Chapter 12 | Factorization - 2 |
| Chapter 13 | Equation |
| Chapter 14 | Constructions |
| Chapter 15 | Introduction to Computers |

**Science**

|  |  |
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| **Chapters** | **Name of the Chapters** |
| Chapter 1 | Crop Production and Management |
| Chapter 2 | Microorganisms: Friend or Foe |
| Chapter 3 | Synthetic Fibres and Plastics |
| Chapter 4 | Materials: Metals and Non-Metals |
| Chapter 5 | Coal and Petroleum |
| Chapter 6 | Combustion and Flame |
| Chapter 7 | Conservation of Plants and Animals |
| Chapter 8 | Cell - Structure and Functions |
| Chapter 9 | Reproduction in Animals |
| Chapter 10 | Reaching the Age of Adolescence |
| Chapter 11 | Force and Pressure |
| Chapter 12 | Friction |
| Chapter 13 | Sound |
| Chapter 14 | Chemical Effects of Electric Current |
| Chapter 15 | Some Natural Phenomena |
| Chapter 16 | Lights |
| Chapter 17 | Stars and The Solar System |
| Chapter 18 | Pollution of Air and Water |

**Social Science**

|  |  |
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| **Chapters** | **Name of the Chapters** |
| Chapter 1 | How, When and Where |
| Chapter 2 | From Trade to Territory |
| Chapter 3 | Ruling the Countryside |
| Chapter 4 | Tribals, Dikus and the Vision of the Golden Age |
| Chapter 5 | When People Rebel |
| Chapter 6 | Colonialism and the City |
| Chapter 7 | Weavers, Iron Smelters and Factory Owners |
| Chapter 8 | Civilising the “Native”, Educating the Nation |
| Chapter 9 | Women, Caste and Reform |
| Chapter 10 | The Changing World of Visual Arts |
| Chapter 11 | The Making of the National Movement 1870s-1945 |
| Chapter 12 | India after Independence |

| **Geography** |
| --- |
| **Chapters** | **Name of the Chapters** |
| Chapter 1 | Resources |
| Chapter 2 | Land, Soil, Water, Natural Vegetation and Wildlife Resources |
| Chapter 3 | Mineral and Power Resources |
| Chapter 4 | Agriculture |
| Chapter 5 | Industries |
| Chapter 6 | Human Resources |

| **Civics/Political Science** |
| --- |
| **Chapters** | **Name of the Chapters** |
| **Unit One: The Indian Constitution and Secularism** |
| Chapter 1 | The Indian Constitution |
| Chapter 2 | Understanding Secularism |
| **Unit Two: Parliament and the Making of Laws** |
| Chapter 3 | Why do we need a Parliament? |
| Chapter 4 | Understanding Laws |
| **Unit Three: The Judiciary** |
| Chapter 5 | Judiciary |
| Chapter 6 | Understanding Our Criminal Justice System |
| **Unit Four: Social Justice and the Marginalised** |
| Chapter 7 | Understanding Marginalism |
| Chapter 8 | Confronting Marginalism |
| **Unit Five: Economic Presence of the Government** |
| Chapter 9 | Public Facilities |
| Chapter 10 | Law and Social Justice |

**English**

|  |  |
| --- | --- |
| **Chapters** | **Name of the Chapters** |
| Chapter 1 | The Best Christmas Present in the World |
| Poem | The Ant and the Cricket |
| Chapter 2 | The Tsunami |
| Poem | Geography Lesson |
| Chapter 3 | Glimpses of the Past |
| Poem | Macavity: The Mystery Cat |
| Chapter 4 | Bepin Choudhury's Lapse of Memory |
| Poem | The Last Bargain |
| Chapter 5 | The Summit Within |
| Poem | The School Boy |
| Chapter 6 | This is Jody’s Fawn |
| Poem | The Duck and the Kangaroos |
| Chapter 7 | A Visit to Cambridge |
| Poem | When I set out for Lyonnesse |
| Chapter 8 | A Short Monsoon Diary |
| Poem | On the Grasshopper and Cricket |
| Chapter 9 | The Great Stone Face - I |
| Chapter 10 | The Great Stone Face - II |

| **Syllabus for Gujarat Class 8 English (It So Happened)** |
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| **Chapters** | **Name of the Chapters** |
| Chapter 1 | How the Camel got his Hump |
| Chapter 2 | Children at Work |
| Chapter 3 | The Selfish Giant |
| Chapter 4 | The Treasure Within |
| Chapter 5 | Princess September |
| Chapter 6 | The Fight |
| Chapter 7 | The Open Window |
| Chapter 8 | Jalebis |
| Chapter 9 | The Comet - I |
| Chapter 10 | The Comet - II |

**Grammar & Composition**

| **Unit** | **Name of the Unit** |
| --- | --- |
| a | Order of Words and Clauses |
| b | Direct and Indirect Speech |
| c | Active and Passive Voice |
| d | Tenses |
| e | Noun |
| f | Pronoun |
| g | Verb |
| h | Adverb |
| i | Prepositions |
| j | Conjunction |
| k | Phrases and Idioms |
| l | Vocabulary |
| m | Comprehension Reading |

**Composition (Writing)**

| **Unit** | **Name of the Unit** |
| --- | --- |
| a | Notice |
| b | Story |
| c | Formal and Informal Letters |
| d | Diary Entry |
| e | Essay |