

Class – IX

SUBJECT	STUDY MATERIALS
English – I	Write a composition (300 – 350 words) on the following. a) Describe the appearance and character of an elderly relative of yours. Your description should include an account of some of the things he or she has said or done. b) Pollution poses severe threats to human life. Mention important causes of pollution in your locality, its harmful effects and how it can be checked.
English – II	a) The short story 'old man at the bridge' is about relationship. Do you agree? Give reasons. b) Why was the old man's clothes dusty? Why did he not cross the bridge?
History	➤ Make a project file on any of the following topics: • Harappan Civilisation • Mauryan Empire
Civics	➤ Our constitution ➤ Fundamental Rights given by the Constitution to the citizens of India and duties of citizens.
Hindi	1) कबिरदास का जीवन परिचय लिखकर याद कीजिए। 2) निम्नलिखित विषयों पर निबन्ध लिखिए। क) आपके जीवन की प्रबल अभिलाषा क्या है? उसे पूरा करने के लिए आप क्या-क्या प्रयास करेंगे? स्पष्ट रूप से समझाइए। ख) किसी देश के निर्माण व विकास में वहाँ के विद्यार्थी वर्ग का क्या योगदान हो सकता है? स्पष्ट कीजिए। 3) निम्नलिखित विषयों पर 120 शब्दों में लिखिए— क) विद्यालयी शिक्षा में योग शिक्षा के महत्व पर विचार व्यक्त करते हुए शिक्षा निदेशक को पत्र लिखिए। ख) छात्रावास में रहने वाले अपने छोटे भाई को पत्र लिखकर 'समय के सदुपयोग' के महत्व पर प्रकाश डालिए।
Mathematics	• Rational and Irrational numbers • Compound interest • Expansion
Commercial Applications	➤ Prepare and write brief notes on the following topics: - Meaning of human activities - Types of human activities, their meaning and compare between them - Identify the commercial activities and non – commercial activities - Meaning of business activities - Branches of business activities
Chemistry	1. Learn the symbols and valency of the radicals. 2. Write it five times 3. Practice to write the formulas of the chemical compounds 4. Read the lesson language of chemistry 5. Practice to balance the chemical reactions
Biology	➤ Project : Diversity in living organisms. 1. Read the lesson cell and tissue 2. Write the detail of cell and the cell organelles 3. Draw the diagram of cell organelles and label it
Geography	Candidates will be required to prepare a project report on any one topic. 1. Weather records : Maintaining and interpreting weather records as found in newspaper for at least one season. 2. Find out the sources of pollution of water bodies in the locality and determine the quality of water. 3. Meteorological instruments and their uses : six's maximum and minimum thermometer, mercury, barometer, aneroid barometer, wind vane, anemometer, rain gauge and hydrometer.