

ST. XAVIER'S SR. SEC. SCHOOL

Divine Nagar | Vidyanagar | Kaluahi

HOLIDAY HOMEWORK 2024

Class-IX (Nine)

INSTRUCTIONS:

All students must try to complete as much work as possible to enhance their reading-writing skills and knowledge. Make sure that you perform physical activities everyday and enjoy the summer vacation with your family and friends. Be safe and stay healthy.

English:

❖ Assignment

01) One day you dreamt that you became invisible. Write a short story based on your dream taking help from the points given below. (150-200 words)

❖ Practice Paper Page No-27

02) You attended the wedding of your elder brother. Your friend living abroad has asked you to describe it to him. Write a paragraph on the event in about 100-150 words giving all the details.

❖ Project

03) Do Passage- Page No_ 14 & 15.

❖ MOMENTS

04) If you have a monkey, would you like it to be like Toto? Why / Why not

05) How does TOTO come to Grandfather's private Zoo?

❖ BEEHIVES

06) The poet has described the wind as a destructive force. Do you agree? Give reasons for your answer.

07) In the story, "The Fun They Had," do you think that "they really had much fun"? Explain.

❖ Applied Grammar

08) Do Page- 120, 121. In practice paper.

Hindi: क्षितिज गद्य भाग से: Lesson: 3 & 4 (शब्दार्थ), उपभोक्तावाद की संस्कृति तथा सांवले सपनों की याद (लिखना तथा याद करना है); क्षितिज पद्य भाग से: शब्दार्थ: Lesson-9 (सर्वैया) तथा Lesson- 10 (कैदी और कोकिला) लिखना तथा याद करना है; व्याकरण: अर्थ की दृष्टि से वाक्य भेद लिखना तथा याद करना है; **Assignment:** आपने किसी स्थान की यात्रा अवश्य की होगी? यात्रा के दौरान हुए अनुभवों को लिखकर प्रस्तुत कीजिए।; **Project:** अपनी देखी-सुनी किसी आपदा का वर्णन कीजिए।

Mathematics:- TOPICS_ a) Laws of exponents for real numbers. b) Factorisation of polynomials. (N.C.E.R.T Ex - 2.3, Ex - 2.4). c) Prepare a list of all algebraic identities.

- ★ Definitions:- a) Lines b) Parallel lines c) Intersecting lines d) Perpendicular lines e) Transversal lines e) Complementary Angles f) Supplementary Angles g) Linear pair Axiom h) Euclid's seven axioms and five postulates (Exercise_5.1)
- ★ Write a statement of all Congruence Criteria of two triangles.
- ★ Internal Assessment:- Activity_2 (Constructing a Spiral), [Pg No_18.]

Science;

Physics

01. Define the following terms: a) Rest b) Motion c) Distance d) Displacement e) Uniform Motion f) Non-Uniform Motion g) Speed h) Velocity i) Acceleration j) Uniform Circular Motion

02. Derivation: (By Algebraic and Graphical methods) a) $v = u + at$ b) $s = ut + \frac{1}{2}at^2$ c) $v^2 = u^2 + 2as$
03. Distinguish between Speed and Velocity.
04. When will you say a body is in:- a) Uniform Acceleration b) Non_Uniform Acceleration
05. Assignment:- To determine the density of a Solid(denser than water), by using. a) Spring balance and b) a measuring cylinder

Chemistry

- Topics: a) Properties of solution, suspension, colloidal solution. b) Concentration of solution by three methods. c) Physical change and Chemical change. d) Symbol of first 20 element. Properties of elements and Compounds, properties of metals and Non_metals. e) Laws of chemical combination. f) Dalton's Atomic Theory.
- Internal Assessment - Experiment-2 [Preparation of: a) Mixture b) Compound] [Page_26]

Biology

- Make a labelled diagram of a plant cell.
- Explain function of Golgi Apparatus.
- Write functions of Endoplasmic Reticulum
- Explain hypotonic solution, Isotonic solution and hypertonic solution.
- Why Lysosomes are known as suicide bags of cell?
- Do Activity-6: To identify Parenchyma and Sclerenchyma tissue in plants, striped muscle fibres and nerve cells in animals, from prepared slides and to draw their labelled diagrams.

Social Science;

- ❖ Assignment:- a) Model framework of Indian Constitution. b) Model of the Earth
- ❖ Fair Lesson_01(History):- The French Revolution
- ❖ Map Work:- Map Book(Page No_5,7,9,11,13,17,21 & 69)
- ❖ Learn and Write:- Definition of all basic terms and facts of First Term.
- ❖ Read the Lesson:- a) The Russian Revolution. b) Drainage. c) The story of village Palampur. d) Electoral Politics