

MT. COLUMBUS SCHOOL
Dakshinpuri, New Delhi – 62
Periodic Test- I Syllabus (2019 -2020)

Class - X
ENGLISH

NAME OF THE BOOK: First Flight
Footprints Without Feet

CHAPTERS	ACTIVITY
<p><u>First Flight (Prose)</u> 1. A Letter to God 2. Nelson Mandela : Long Walk to Freedom</p> <p><u>POETRY</u> 1. Dust of Snow 2. Fire and Ice</p> <p><u>Footprints Without Feet</u> 1. A Triumph of Surgery 2. The Thief’s Story</p> <p><u>Writing & Grammar</u> 1. Letter to the Editor 2. Editing 3. Gap Filling</p>	<p>✓ Paste the picture of Nelson Mandela in notebook and write about him.</p> <p>✓ ‘<u>Talk to God, He is always listening</u>’. Write a diary entry in your notebook expressing your desires from the supreme power.</p> <p>✓ What are your views on ‘Positive Motivation’? Present your views in the class. (Assessment of Speaking Skills)</p> <p>✓ Write a Letter to the Editor expressing your views on the Election Process going on these days.</p>

विषय—हिन्दी

पुस्तक का नाम—स्पर्श और संचयन

व्याकरण— व्याकरण व्योम

पाठ का नाम	क्रियाकलाप
<p><u>स्पर्श गद्य खंड</u> पाठ—1 बड़े भाई साहब</p> <p><u>स्पर्श गद्य खंड</u> पाठ—1 साखी</p> <p><u>संचयन</u> पाठ—1 हरिहर काका</p> <p><u>व्याकरण और लेखन</u> अपठित अवबोध शब्द और पद वाक्य विचार अनुच्छेद और पत्र</p>	<p>➤ ‘बड़े भाई साहब’ पाठ के आधार पर कनकौर उड़ाने की घटना पर आधारित चित्र बनाएँ।</p> <p>➤ कबीर साहब का चित्र बनाकर मूर्तिपूजा के खंडन व निर्गुण उपासना संबंधी कुछ विचार तीस शब्दों में लिखें।</p> <p>➤ हरिहर काका जैसे व्यक्ति आपके घर के आस-पास भी हो सकते हैं। ऐसी किसी घटना का विवेचन कक्षा में करें।</p> <p>➤ मौखिक एवं लिखित अभ्यास</p>

MATHEMATICS

NAME OF THE BOOK: MATHEMATICS (NCERT)

CHAPTER	LAB ACTIVITY
Chapter 1 : Real numbers Chapter 2 : Polynomials	<ul style="list-style-type: none"> ✓ To find the HCF of two numbers experimentally based on Euclid's Division Lemma.(Pg no. 1). ✓ To draw the graph of a quadratic polynomial and observe their shapes.(Pg. no.3)

SCIENCE

NAME OF BOOK:SCIENCE (NCERT)

SUBJECT	CHAPTERS	ACTIVITY	EXPERIMENT
PHYSICS	Ch-12 Electricity	<p>To observe various electrical component used in Ohm's law and calculate the least count of ammeter and voltmeter.</p> <p>To draw various symbols of electrical components using your creativity.</p> <p>To make an electric circuit by connecting ammeter and voltmeter.</p> <p>Calculate the energy consumed per week in your house</p>	<p>Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it & determine its resistance. Also plotting a graph between V & I</p> <p>Determination of the equivalent resistance of two resistors when connected in series and parallel.</p>
CHEMISTRY	Ch-1 Chemical Reactions and Equations	<p>To observe the exothermic reaction by adding water to Calcium oxide.</p> <p>Prepare flash cards of different reactants use for the chapter. Find the product and type of reaction obtained.</p> <p>Worksheet- Recognize reduction and oxidation in the given reactions.</p> <p>Search about the compound used in photography and make a pamphlet on it.</p>	<p>To perform and observe the following reactions:</p> <ul style="list-style-type: none"> ➤ Combination reaction ➤ Decomposition reaction ➤ Displacement reaction ➤ Double displacement reaction
BIOLOGY	Ch-6 Life Processes	<p>To investigate the need for chlorophyll in plants</p> <p>To observe transpiration in plants.</p> <p>Count the heart rate of your body before and after running.</p>	<p>To prepare temporary mount of a leaf peel to show stomata</p> <p>Experimentally show that carbon dioxide is given out during respiration</p>

SOCIAL SCIENCE

NAME OF THE BOOK: India and the Contemporary World-II/ Contemporary India-II/ Democratic Politics-II/ Understanding Economic Development

	ACTIVITY
HISTORY	
CH- 1. The Rise of Nationalism in Europe	1. Map Work 2. Prepare a timeline on the activities/events in the growth of nationalism in Europe
GEOGRAPHY	
CH-1. Resources and Development	Map work
POL. SCIENCE	
CH-1. Power Sharing	-
ECONOMICS	
CH-1. Development	1. Projecting ideas on development which can be varied or conflicting (find it from newspaper and television). 2. Completion of paragraph based on the calculation on the table.(Page No.-12 in textbook) 3. Collection of data for calculating BMI.(Individual Activity)

INFORMATION TECHNOLOGY

Name of Book: - Excel in information technology

Chapter	Lab Activity/ Practical
Ch-2 Web application	Types of networking

ART EDUCATION

1. Understanding Elements and Principles of Art
 - Apply elements (line, shape, form, texture, colour, value and space) and Principles (repetition, variety, rhythm, proportion, movement, balance, emphasis and unity) in work that effectively communicate their ideas.
 - Identify and discriminate between types of shapes (Geometric and Organic).
 - Colours (Primary, secondary, complementary, neutrals, tints, shades, tones)
 - Lines (Characteristics, quality)