

Niscort FATHER AGNEL SCHOOL, VAISHALI

OUTLINE SYLLABUS (MONTH-WISE)

CLASS IX (2018-19)

MATH

<u>April</u>	<u>May</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>
<u>Ch-1:</u> Number System <u>Ch-3:</u> Coordinate Geometry <u>Ch-4:</u> Linear equations in two variables	<u>Ch-2:</u> Polynomials <u>Ch-5:</u> Introduction to Euclid's Geometry	<u>Ch-6:</u> Lines and angles <u>Ch-7:</u> Triangles	<u>Ch-8:</u> Quadrilaterals	R E V I S I O N	<u>Ch-9:</u> Areas of Parallelogram and Triangles <u>Ch-10:</u> Circles	<u>Ch-11:</u> Construction <u>Ch-12:</u> Heron's Formula <u>Ch-15</u> Probability	<u>Ch-13</u> Surface area and volumes	<u>Ch-14</u> Statistics	R E V I S I O N

SCIENCE

<u>April</u>	<u>May</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>
<u>BIOLOGY</u> <u>Ch-5:</u> The fundamental unit of life	<u>Ch-6:</u> Tissues in plants & animals	<u>Ch-6:</u> Tissues in plants & animals (contd.) <u>Ch-15:</u> Improvement in food resources	<u>Ch-15:</u> Improvement in food resources (contd.)	R E V I S I O N	<u>Ch-7:</u> Diversity in living organisms	<u>Ch-7:</u> Diversity in living organisms (contd.)	<u>Ch-13:</u> Why do we fall ill	<u>Ch-13:</u> Why do we fall ill (contd.) <u>Ch-14:</u> Natural resources	<u>Ch-14:</u> Natural resources (contd.)

<u>CHEMISTRY</u> <u>Ch- 1:</u> Matter in our surroundings	<u>Ch- 1:</u> <u>contd</u> introduction to <u>Ch- 2</u> Is matter around us pure	<u>Ch- 2:</u> Is matter around us pure	<u>Ch- 2:</u> <u>contd.</u>	R E V I S I O N	<u>Ch- 3:</u> Atoms And Molecules	<u>Ch- 3:</u> <u>contd.</u> (Mole Concept)	<u>Ch- 4:</u> Structure of Atom	R E V I S I O N	R E V I S I O N
<u>PHYSICS</u> <u>Ch-8:</u> Motion (Till graphical representation of Motion)	<u>Ch-8:</u> Motion (cont.)	<u>Ch-9:</u> Force and laws of motion	<u>Ch-10:</u> Gravitation (Till weight of the object on the moon)	R E V I S I O N	<u>Ch-10:</u> Gravitation (cont.)	<u>Ch-11:</u> Work and Energy	<u>Ch12:</u> Sound	R E V I S I O N	R E V I S I O N

SST

GEOGRAPHY/ECONOMICS

<u>April</u>	<u>May</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>
<u>Geo: Ch-1</u> India: Size and Location	<u>Geo: Ch-2</u> Physical Features of India(contd)	<u>Geo: Ch-3</u> Drainage	<u>Geo: Ch-3</u> Drainage (contd)	R E V I S I O N	<u>Geo: Ch -4</u> Climate	<u>Geo: Ch-5</u> Natural Vegetation and Wildlife	<u>Geo: Ch-6</u> Population	<u>Eco: Ch-4</u> Food Security in India	R E V I S I O N
<u>Geo: Ch-2</u> Physical Features of India	<u>Eco: Ch-1</u> Story of Village Palampur	<u>Eco: Ch-2</u> People as Resource				<u>Eco: Ch-3</u> Poverty as Challenge			

HISTORY/CIVICS

<u>April</u>	<u>May</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>
<u>Pol. Science</u> What is Democracy? Why Democracy? <u>Pol. Science</u> Constitutional Design	<u>Hist</u> French Revolution	<u>Hist.</u> French Revolution (contd) Socialism and Russian revolution	<u>Hist.</u> Socialism and Russian revolution contd.	R E V I S I O N	<u>Pol. Science</u> Electoral Politics <u>Hist.</u> Nazism and Rise of Hitler	<u>Pol. Science</u> Working of Institutions <u>Pol. Science</u> Democratic Rights	<u>Hist.</u> Peasants and Farmers	R E V I S I O N

HINDI

<u>April</u>	<u>May</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>
कविता- रेदासकेपद पाठ -- धूल दुःखकाअधिकार संचयन गिल्लू व्याकरण वर्णविच्छेद अनुस्वार अनुनासिक नुक्ता अनुच्छेद	अपठित गद्यांशएवं काव्यांश संवादलेखन चित्रवर्णन विज्ञापन	पाठ- एवरेस्टमेरीशिखरयात्रा , कविता रहीमकेदोहे, संचयन- स्मृति व्याकरण- उपसर्ग-प्रत्यय,संधि अनौपचारिकपत्र,अनुच्छेद।	पाठ- तुमकब जाओगेअतिथिकविता आदमीनामा संचयन कल्लुकुम्हार कीउनाकोटी व्याकरण विरामचिह्न	पाठ- वैज्ञानिक चेतनाके वाहक- कविता- गीत- अगीत संचयन- मेराछोटा सानिजी पुस्तकालय	पाठ कीचड़ काकाव्य कविता अग्निपथ संचयन- हामिदखा व्याकरण- उपसर्ग- प्रत्यय	पाठ- धर्मकीआड़ कविता- नएइलाके में व्याकरण- संधिअनुच्छेद एवं अनौपचारिक पत्र	कविता -खुशबूरचते हैंहाथ	पाठ-शुक्रतारे केसामान, संचयन- दिएजलउठे व्याकरण- विरामचिह्न	अपठित गद्यांशएवं काव्यांश चित्रवर्णन संवादएवं विज्ञापनलेखनपा ठ्यक्रम की पुनरावृत्ति

COMPUTER

<u>April</u>	<u>May</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>
<p><u>Unit 1:</u> <u>Basics of</u> <u>Information</u> <u>Technology:</u></p> <p>1. Computer Systems: characteristics of a computer, components of a computer system – CPU, memory, storage devices and I/O devices</p> <p>2. Memory: primary (RAM and ROM) and secondary memory</p> <p>3. Storage devices: hard disk, CD ROM, DVD, pen/flash drive, memory stick</p>	<p>5. Types of software: system software (operating systems), application software, mobile applications</p> <p>6. Chat sites, and social networks.</p>	<p><u>Unit 3:</u> <u>Office tools</u></p> <p>1. Spreadsheets: concept of a worksheet and a workbook, create and save a worksheet.</p> <p>2. Working with a spreadsheet: enter numbers, text, date/time, series using auto fill; edit and format a worksheet including changing the colour, size, font, alignment of text; insert and delete cells, rows and columns. Enter a formula using</p>	<p>3. Use simple statistical functions: SUM (), AVERAGE (), MAX (), MIN (), IF () (without compound statements); embed charts of various types: line, pie, scatter, bar and area in a worksheet.</p>	<p>R E V I S I O N</p>	<p><u>Unit 2:</u> <u>Cyber-safety</u></p> <p>1. Safely browsing the web and using social networks: identity protection, proper usage of passwords, privacy, confidentiality of information, cyber stalking, reporting cybercrimes</p>	<p>2. Safely accessing websites: viruses and malware</p> <p><u>Unit 4:</u> <u>Python</u></p> <p>1. Introduction to Python</p> <p>2. A simple "Hello World" program</p>	<p>3. Running a Python program</p> <p>4. The notion of data-types and variables: integer, float, string</p> <p>5. Arithmetic operations: +, -, *, /</p>	<p>R E V I S I O N</p>

4. I/O devices: keyboard, mouse, monitor, printer, scanner, web camera		the operators (+, -, *, /), refer to cells, and print a worksheet.						
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