

Niscort FATHER AGNEL SCHOOL, VAISHALI
OUTLINE SYLLABUS (TERM-WISE)
CLASS IX (2018-19)

SUBJECT	PERIODIC TEST-1	HALF YEARLY EXAM	PERIODIC TEST-2	FINAL EXAM
MATHS	Ch-1 Number System Ch-3 Coordinate Geometry Ch-4 Linear equations in two variables	Ch-1 Number System Ch-2 Polynomials Ch-3 Coordinate Geometry Ch-4 Linear equations in two Variables Ch-5 Introduction to Euclid's Geometry Ch-6 Lines and angles Ch-7 Triangles Ch-8 Quadrilaterals	Ch-1 Number System Ch-2 Polynomials Ch-3 Coordinate Geometry Ch-4 Linear equations in two Variables Ch-5 Introduction to Euclid's Geometry Ch-6 Lines and angles Ch-7 Triangles Ch-8 Quadrilaterals Ch-9 Areas of Parallelogram and Triangles Ch-10 Circles Ch-11 Construction Ch-12 Heron's Formula	Ch-1 Number System Ch-2 Polynomials Ch-3 Coordinate Geometry Ch-4 Linear equations in two Variables Ch-5 Introduction to Euclid's Geometry Ch-6 Lines and angles Ch-7 Triangles Ch-8 Quadrilaterals Ch-9 Areas of Parallelogram and Triangles Ch-10 Circles Ch-11 Construction Ch-12 Heron's Formula Ch-13 Surface area and volumes Ch-14 Statistics Ch-15 Probability
SCIENCE	<u>PHYSICS</u> Ch-8 Motion (Till graphical representation of Motion) <u>CHEMISTRY</u> Ch-1 Matter in our surroundings. <u>BIOLOGY</u> Ch-5 The Fundamental Unit of Life	<u>PHYSICS</u> Ch-8 Motion Ch-9 Force and laws of motion Ch-10 Gravitation (Till weight of the object on the moon) Practicals:	<u>PHYSICS</u> Ch-8: Motion Ch-9: Force and Laws of Motion. Ch-10: Gravitation Ch-11: Work and Energy (including all practicals) <u>CHEMISTRY</u> Ch-1: Matter in our surroundings	<u>PHYSICS</u> Ch-8: Motion Ch-9: Force and Laws of Motion. Ch-10: Gravitation Ch-11: Work and Energy Ch-12: Sound (Including all practicals) <u>CHEMISTRY</u> Ch-1: Matter in our surroundings Ch-2: Is matter around us pure

Experiment-1 Verification of laws of reflection of sound.
Experiment-2 Calculation of speed of pulse.

CHEMISTRY

Ch-1 Matter in our surroundings
Ch-2 Is matter around us pure
Practical based Questions

BIOLOGY

Ch-5 The fundamental unit of life
Ch-6 Tissues
Ch-15 Improvement in food resources

Experiment-1 To prepare and study the temporary mount of an onion peel and Cheek cell.

Experiment-2 To study the different types of tissues in plants and animals through permanent slides.

Ch-2: Is matter around us pure
Ch-3: Atoms and molecules

Practical Based questions
BIOLOGY

Ch-5: The fundamental unit of life
Ch-6: Tissues
Ch-7: Diversity in living organisms
Ch-13: Why do we fall ill
Ch-15: Improvement in food Resources.

Practical 1- To prepare and study the temporary mount of an onion peel and cheek cell.

Practical 2- To study the different types of tissues in plants and animals through permanent slides.

Practical 3- To study the museum specimens of plants- spirogyra, pinus cone, Agaricus, Moss, Fern & Angiospermic plant.

Practical 4- To study the museum specimens of animals- cockroach, earthworm, fish & pigeon.

Ch-3: Atoms and molecules
Ch-4: Structure of atom

Practical Based Questions
Practicals:

Experiment 1: Melting point of ice and Boiling point of water

Experiment 2: Mixture and compound

Experiment 3: Solution, Colloid and Suspension

Experiment 4: To separate components of a mixture of sand, common salt and ammonium chloride by sublimation, evaporation and filtration

Experiment 5: To verify the Law of conservation of mass

Experiment 6: Types of reactions

BIOLOGY

Ch-5: The fundamental unit of life

Ch-6: Tissues

Ch-7: Diversity in living organisms

Ch-13: Why do we fall ill

Ch-14: Natural resources

Ch-15: Improvement in food Resources

Practical 1- To prepare and study the temporary mount of an onion peel and cheek cell.

Practical 2- To study the different types of tissues in plants and animals through permanent slides.

			<p>Practical 5- To study the morphology of roots, stems, flowers and seed of the dicot/ monocot plant.</p>	<p>Practical 3- To study the museum specimens of plants- spirogyra, pinus cone, Agaricus, Moss, Fern & Angiospermic plant.</p> <p>Practical 4- To study the museum specimens of animals- cockroach, earthworm, fish & pigeon.</p> <p>Practical 5- To study the morphology of roots, stems, flowers and seed of the dicot/ monocot plant.</p>
HINDI	<p><u>कविता</u> - रैदास के पद <u>पाठ</u> - धूल , दुःख का अधिकार <u>व्याकरण</u> - .वर्ण-विच्छेद , संधि , अपठित गद्यांश</p>	<p><u>कविता</u> - रैदास के पद , रहीम के दोहे , आदमीनामा <u>पाठ</u> - धूल , दुःख का अधिकार , एवरेस्ट मेरी शिखर यात्रा , तुम कब जाओगे अतिथि <u>संचयन</u> - गिल्लू , स्मृति , कल्लू , कुम्हार की उनाकोटी <u>व्याकरण</u> - .वर्ण-विच्छेद , अनुस्वार , अनुनासिक, नुक्ता ,उपसर्ग - प्रत्यय , संधि , विराम-चिह्न ,संवाद लेखन , चित्र-वर्णन , अनुच्छेद , अनौपचारिक पत्र , अपठित गद्यांश एवं काव्यांश ,</p>	<p><u>कविता</u> -एक फूल की चाह , गीत-अगीत ,अग्निपथ , नए इलाके में ,खुशबू रचते हैं हाथ पाठ -वैज्ञानिक चेतना के वाहक, धर्म की आड़ , शुक्रतारे के सामान संचयन- -मेरा छोटा सा निजी पुस्तकालय , हामिदखा</p>	<p><u>कविता</u>- रैदास के पद, , रहीम के दोहे, आदमीनामा , एक फूल की चाह, गीत-अगीत ,अग्निपथ , नए इलाके में, खुशबू रचते हैं हाथ पाठ -धूल, दुःख का अधिकार, एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि , वैज्ञानिक चेतना के वाहक, धर्म की आड़ , शुक्रतारे के सामान संचयन - गिल्लू, स्मृति, कल्लू कुम्हार की उनाकोटी, मेरा छोटा सा निजी पुस्तकालय , दिए जल उठे व्याकरण - वर्ण-विच्छेद, अनुस्वार, अनुनासिक, नुक्ता,</p>

		संवादलेखन , विज्ञापन।		विराम चिह्न , अनुच्छेद , पत्र, अपठित गद्यांश एवं काव्यांश, संवाद लेखन, चित्र-वर्णन, विज्ञापन , उपसर्ग-प्रत्यय, संधि ।
Soc. Sci.	<p><u>POL. SCI.</u></p> <p>Ch-2 What is Democracy? Why Democracy? Ch-3 Constitutional Design</p> <p><u>GEOGRAPHY</u></p> <p>Ch 1- India Size and Location. Ch 2- Physical Features of India(up to North Indian Plains.)</p>	<p><u>HISTORY</u></p> <p>Ch-1 French Revolution Ch-2 Socialism in Europe and the Russian Revolution</p> <p><u>POL. SCI.</u></p> <p>Ch-2 What is Democracy? Why Democracy? Ch-3 Constitutional Design</p> <p><u>GEOGRAPHY</u></p> <p>Ch 1- India Size and Location Ch 2- Physical features of India. Ch 3- Drainage</p> <p><u>ECONOMICS</u></p> <p>Chapter 1- Story of Village Palampur. Ch 2- People as Resource.</p>	<p><u>HISTORY</u></p> <p>Ch-1 French Revolution Ch-2 Socialism in Europe and the Russian Revolution Ch-3 Nazism</p> <p><u>POL. SCI.</u></p> <p>Ch-2 What is Democracy? Why Democracy? Ch-3 Constitutional Design Ch-4 Electoral Politics Ch-5 Working of Institutions Ch-6 Democratic Rights</p> <p><u>GEOGRAPHY</u></p> <p>Ch 1- India size and location Ch 2- Physical features of India Ch 3-Drainage Ch 4- Climate Ch 5- Natural vegetation and wildlife</p>	<p><u>HISTORY</u></p> <p>Ch-1 French Revolution Ch-2 Socialism in Europe and the Russian Revolution Ch-3 Nazism Ch-6 Peasants and Farmers</p> <p><u>POL. SCI.</u></p> <p>Ch-2 What is Democracy? Why Democracy? Ch-3 Constitutional Design Ch-4 Electoral Politics Ch-5 Working of Institutions Ch-6 Democratic Rights</p> <p><u>GEOGRAPHY</u></p> <p>Ch 1- India size and location Ch 2- Physical features of India Ch 3-Drainage Ch 4- Climate Ch 5- Natural vegetation and wildlife Ch 6- Population</p>

			<u>ECONOMICS</u> Ch 1- Story of Palampur Ch 2- People as a Resource Ch 3- Poverty as a Challenge	<u>ECONOMICS</u> Ch 1- Story of Palampur Ch 2- People as a Resource Ch 3- Poverty as a Challenge Ch 4- Food Security in India
COMPUTER	Unit-1 Basics of Information Technology	Unit-1 Basics of Information Technology Unit-3 Office tools	Unit-2 Cyber-safety	Unit-1 Basics of Information Technology Unit-2 Cyber-safety Unit-3 Office tool Unit-4 Python