

DSB INTERNATIONAL PUBLIC SCHOOL RISHIKESH (UTTARAKHAND) HALF YEARLY EXAMINATION (2026-2027)		
CLASS XI SCIENCE		
SUBJECT	SYLLABUS	ACTIVITY
PHYSICS	Unit I - Units and measurements Unit II - Kinematics Unit III - Laws of motion Unit IV - Work, Energy and Power Unit V - Motion of system of particles and Rigid Body Unit VI - Gravitation	* Four Practicals from section A [written work] * One practical to perform + viva.
CHEMISTRY	Unit I - Some Basic Concepts of Chemistry Unit II - Structure of Atom Unit III - Classification of Elements and Periodicity in Properties Unit IV - Chemical Bonding and Molecular Structure Unit VII - Redox Reactions	1. Salt-Analysis 2. Titration
BIOLOGY	Ch-1 The Living world Ch-2 Biological classification Ch-3 Plant Kingdom Ch-4 Animal Kingdom Ch-7 Structure Organisation in Animal (frog) Ch-8 Cell: The Unit of life division Ch-11 Photosynthesis in higher plants Ch-14 Breathing and Exchange of Gases Ch-15 Body fluids and circulation	Study of Osmosis by Potato Osmometer
ENGLISH	Section A - Reading: Unseen passage Section B - Writing - Notice, Invitation, Job letter, Letter to the editor Section C - Literature (Hornbill) - The Portrait of a Lady, We're Not Afraid to Die... , Discovering Tut, A Photograph (Poem) , Laburnum Top (Poem) , The Voice of the Rain (Poem) (Snapshots) - The Summer of the Beautiful White Horse, The Address.	1. ASL 2. Book Review
HINDI	अंतरा (गद्य) – ईदगाह, दोपहर का भोजन, टार्च बेचने वाला, गूंगे, अंतरा (गद्य) – कबीर के पद, सूरदास के पद, संध्या के बाद, जाग तुझको दूर जाना। अंतराल – हुसैन की कहानी अपनी जबानी अभिव्यक्ति और माध्यम – जनसंचार माध्यम, अपठित गद्यांश, अपठित पद्यांश लेखन – घटना के आधार पर दृश्य लेखन , डायरी लेखन, कथा–पट कथा, शब्दकोश, औपचारिक पत्र (कार्यालयी रोजगार संबंधी आवेदन पत्र) व्यावहारिक लेखन (प्रतिवेदन, प्रेस – विज्ञप्ति , परिपत्र, कार्यसूची, कार्यवृत्त)	वाचन कौशल श्रवण कौशल
POLITICAL SCIENCE	PART-A Indian Constitution at Work Ch-1 Constitution – Why and How? Ch-2 Rights in the Indian Constitution Ch-3 Election and Representation Ch-4 Executive PART-B Political Theory Ch-1 Political Theory – An Introduction Ch-2 Freedom	
MATHS	1. Sets 2. Relation & Function 3. Trigonometric Functions 4. Complex Numbers 5. Linear Inequalities 6. Permutations & Combinations 7. Binomial Theorem 8. Sequence & Series	
PHYSICAL EDUCATION	Unit-1 Changing Trends & career in physical Education Unit-2 Olympic Value Education Unit-3 Yoga Unit-4 Physical Education & sports for CWSN Unit-5 Physical fitness, wellness Unit-6 Test, measurements & Evaluation Unit-7 Fundamentals of Anatomy and physiology in Sports	
COMPUTER SCIENCE	Unit-1 Computer System & Organisation Unit-2 Computational Thinking & Programming * Problem solving , * Basics of Python, * Tokens, * Data Types, * Type Conversion, * Errors, * Flow of Control, * Conditional Statement, * Iterative Statements, * Strings, * Lists Unit-3 Society Law & Ethics * Digital footprint * Society & Netizen, Etiquettes	
ART AND CRAFT	1. Modern Art 2. Bengal School 3. Basic Theory	Still Life and Landscape
YOGA	Unit-1 Introduction to Yoga and Yoga Practices - I Ch-1 Yoga Etymology Ch-2 Yoga Origin Ch-3 Rules Ch-4 Intro of Major Schools of Yoga Unit-2 Intro of Yoga Texts - I Ch-1 Intro and Study of Patanjali Yoga Ch-2 Intro and Study of Bhagavad Gita Ch-3 Intro and Study of Hatha Pradipika Ch-4 Intro and study of Gheranda Samhita	