

Date- 21-08-2024

Cir No.- JPIS/24/103



**JP INTERNATIONAL SCHOOL, GREATER NOIDA**  
**AFFILIATED TO CBSE**  
**SESSION 2024-25**

**SCHEDULE & SYLLABUS :HALF- YEARLY (AUGUST 2024)**

**GRADE XI NON-MED**

Date	Day	SUBJECT	SYLLABUS
09-09-2024	Monday	NCC	Ch-1: General Introduction Ch-2: National Integration Ch-3: Drill Ch-4: Weapon Training Ch-5: Personality Development & Leadership Ch-6: Disaster Management Ch-7: Health & Hygiene Ch- 13: Basic Organisation of Armed Forces Ch-14: Map Reading Ch-15: Field Craft / Battle Craft
11-09-2024	Wednesday	PHYSICAL EDUCATION	Ch:1 Changing trends and career in Physical education. Ch:2 Olympism. Ch:3 Yoga. Ch:4 Children with Special Needs (CWSN). Ch:5 Physical Fitness, Wellness and Positive Life style.
11-09-2024	Wednesday	COMPUTER SCIENCE	Unit 1: Computer Systems and Organisation <ul style="list-style-type: none"> <li>Basic computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory ,Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators, application software ,Operating System(OS): functions of the operating system, OS user interface</li> <li>Boolean logic: NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan's laws, Logic circuits ,Number System, Encoding Schemes</li> </ul> Unit 2: Computational Thinking and Programming - I <ul style="list-style-type: none"> <li>Introduction to Problem-solving:basics of Python programming: Introduction to Python, Features of Python, execution modes: interactive mode and script mode, Python character set, Python tokens, use of comments ,Knowledge of data types: Number(integer, floating point,complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types., Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in not in) , Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion, accepting data as input from the console and displaying output. ,Errors- syntax errors, logical errors, and run-time errors</li> <li>Flow of Control: introduction, use of indentation, sequential flow, conditional and iterative flow , Conditional statements: if, if-else, if-elif-else, flowcharts, Iterative Statement: for loop, range(); while loop, flowcharts, break and continue statements, nested loops</li> </ul>
13-09-2024	Friday	PSYCHOLOGY	Ch1: What is Psychology? Ch2: Methods of enquiry in Psychology. Ch3: Human Development.
17-09-2024	Tuesday	CHEMISTRY	Ch1- Some Basic Concept of Chemistry CH2- Structure of atom Ch3- Periodic classification of elements Ch 4- Chemical Bonding and Molecular structure Ch 7- Redox reaction

19-09-2024	Thursday	ENGLISH	<p><b>Reading skill-</b> 1.Comprehension 2.Notemaking</p> <p><b>Writing skill-</b> 1.Classified Advertisement 2. Poster making 3. Debate Writing</p> <p><b>Grammar</b> 1. Jumbled words 2. Clauses 3. Tenses</p> <p><b>Literature</b> <b>HORNBILL</b> 1. THE PORTRAIT OF A LADY 2. WE'RE NOT AFRAID TO DIE 3. A PHOTOGRAPH 4. THE LABURNUM TOP 5. THE VOICE OF THE RAIN</p> <p><b>SNAPSHOTS</b> 1. THE SUMMER OF THE BEAUTIFUL WHITE HORSE 2. THE ADDRESS</p>
20-09-2024	Friday	PAINTING	<p><b>Ch 1 : Introduction of Art</b> <b>Ch:2 Pre- Historic Indian Painting</b> <b>Ch:3 Indus Valley civilization.</b> <b>Ch: 4 Ajanta Painting</b></p>
20-09-2024	Friday	ARTIFICIAL INTELLIGENCE	<p><b>Part A :- Ch-1 Communication Cycle</b> Ch-2 Self Management Skills Ch-3 ICT Skills</p> <p><b>Part B :- Ch-1 , Introduction to AI for everyone</b> Ch-2 Unlocking your future in AI Ch-3 Python Programming</p>
23-09-2024	Monday	PHYSICS	<p><b>Chapter 2: Units and Measurements,</b> <b>Chapter 3: Motion in a Straight Line.</b> <b>Chapter 4: Motion in a Plane,</b> <b>Chapter 5: Laws of Motion,</b> <b>Chapter 6: Work, Energy and Power,</b> <b>Chapter 8: Gravitation.</b></p>
27-09-2024	Friday	MATHS	<p>ch-1 set theory, ch-2- relation and function, ch-3 trigonometry function, ch-4 complex numbers, ch-5 linear inequalities, ch-6 permutation and combination, ch-7 binomial theorem, ch-9 sequence and series.</p>



Principal  
Ms. Ruby Chandel