

Class - X (Block Syllabus)

Sl No.	Unit	Marks	Periods
Part 1: Common Subjects			
1	The NCC	07	01
2	National Integration and Awareness		08
3	Disaster Management		04
4	Drill	27	21
5	Weapon Training		14
6	Adventure Training and Obstacle		04
7	Personality Development and Leadership	15	14
8	Social Awareness and Community Development		07
9	Health and Hygiene		07
10	Environment Awareness and Conservation		03
	Total	49	83
Part 2 A: Special Subjects (Army)		Marks	Periods
1	Armed Forces	04	05
2	Military History		05
3	Map Reading	17	11
4	Field Craft and Battle Craft		11
5	Communication		03
	Total	21	35
Part 2 B: Special Subjects (Navy)		Marks	Periods
1.	Naval Orientation	07	07
2.	Naval Communication		04
3.	Seamanship	14	12
4.	Navigation		06
5.	Ship and Boat Modelling		06
	Total	21	35
Part 2 C: Special Subjects (Air Force)		Marks	Periods
1	Air Campaigns	13	06
2	Aircraft Recognition		03
3	Aeromodeling		24
4	Atmosphere	08	01
5	Maps		01
	Total	21	35

COMMON SUBJECTS (Detailed Syllabus)

Total Marks: 49 Total

Periods: 83

Unit 1: The NCC

01 Periods

Aim: To acquaint cadets with the aims and objectives of NCC

Scope: Introduction, aims, organization and general information about NCC.

- Aims and Objectives of NCC.
- Organization and Training and NCC Song
- Incentives of Joining NCC

Unit 2: National Integration and Awareness

08 Periods

Aim: To inculcate sense of patriotism, secular values and motivate cadets to contribute towards nation building through national unity and social cohesion.

Scope: The concepts of National Interests, Objectives and Integration, Unity in diversity and cultural heritage of India.

- Religions, Culture, Traditions and Customs of India
- National Integration: Importance and Necessity
- Freedom Struggle and Nationalist Movement in India.
- Problems/ Challenges of National Integration.
- Unity in Diversity.
- Famous Leaders of India
- Images/ Slogans for National Integration
- Contribution of Youth in Nation Building

Unit 3: Disaster Management /Civil Affairs

04 Periods

Aim: To train Cadets to assist Civil Administration in performance of selective duties during disasters.

Scope: Basic information about civil defence organization and its duties, maintenance of essential services and providing assistance to civil administration in various types of emergencies during national disasters

- Civil Defence Organisation and its duties/ NDMA
- Types of emergencies/ Natural Hazards
- Role of NCC during Natural Hazards/ Calamities
- Civil Administrative Set up at District/Taluk/Village
- Fire service and fire fighting
- Essential services and their maintenance

Unit 4: Drill

21 Periods

Aim: To inculcate a sense of discipline, improve bearing, smartness, and turnout and to develop the quality of immediate and implicit obedience of orders.

Scope: All important basic aspects of drill including ceremonial drill, drill with arms and words of command.

Drill without Arms

- General and Words of Command
- Attention, Stand at Ease and Stand Easy, turning and inclining at the halt
- Sizing, forming up in three ranks and numbering, open and close order march and dressing
- Saluting at the halt,
- Getting on parade, dismissing and falling out
- Marching, Length of Pace and time of marching in quick time and halt, slow march and halt
- Turning on the march and wheeling
- Saluting on the March
- Individual word of command

Unit 5: Weapon Training

14 Periods

Aim: To give elementary knowledge about rifles.

Scope: Basic Knowledge about rifle and firing.

- Characteristics of a rifle/ rifle ammunition and its fire power
- Stripping, assembling, care and cleaning and sight setting
- Loading, cocking and unloading
- The lying position and Holding
- Aiming, range and figure target
- Trigger control and firing a shot
- Range precautions and safety precautions
- Short range firing

Unit 6: Adventure Training

04 Periods

Aim: To inculcate a sense of adventure and develop confidence, courage and determination.

Scope: To expose cadets to various adventure activities.

- Trekking including selection of route and administration planning

- Cycle expedition including selection of route and administration planning
- Rock climbing

Unit 7: Personality Development and Leadership

14 Periods

Aim: To develop an all-round dynamic personality with adequate leadership traits to deal / contribute effectively in all walks of life.

Scope: Basic subjects of leadership with emphasis on self-awareness, life/soft skills, time management and character building.

- Introduction to Personality development
- Factors influencing/shaping personality: Physical, Social, Psychological and philosophical
- Self Awareness - know yourself
- Critical and creative thinking
- Communication skills: group discussions/lectures
- Self confidence, courage & self conviction
- Effects of leadership with historical examples
- Problem solving skills
- Interview skills
- Importance of group and team work
- Effective use of time
- Coping with stress / emotions
- Sociability: social skills
- Characteristics of healthy personalities - ethics/values

Unit 8: Social Awareness Community Development

7 Periods

Aim: To teach cadets the values and skills involved in providing voluntary Social Service.

Scope: Understanding of social service and its needs, knowledge about the weaker sections of our society and their requirements, about NGOs and contribution of youth towards social welfare.

- Basics of Social service, and its needs
- Social/ Rural Development Projects: MNREGA, SGSY, NSAP etc.
- Literacy enhancement and poverty alleviation
- Contribution of youth towards social welfare
- Civic responsibilities
- Drug abuse and trafficking

- Causes and prevention of HIV/AIDS, Role of Youth
- Corruption
- Social evils viz. dowry/female foeticide/child abuse and trafficking etc.
- Traffic control organization and anti drunken driving
- Provisions of child act

Unit 9: Health and Hygiene

07 Periods

Aim: To instil respect and responsibility towards personal health and hygiene.

Scope: Basic information of the human body, maintenance of health, hygiene, sanitation, disease and an elementary knowledge of First Aid and Nursing.

- Structure and functioning of the human body
- Hygiene and sanitation (Personal and Food Hygiene)
- Physical and mental health
- Infectious and contagious diseases and its prevention
- Basics of first aid in common medical emergencies
- Wounds and fractures
- Introduction to yoga and exercise

Unit 10: Environment Awareness and Conservation

03 Periods

Aim: To sensitise the cadets on natural resource conservation and protection of environment.

Scope: Basic understanding of environment in general and waste management in particular, energy conservation, pollution control and wildlife conservation in particular.

- Natural resources - conservation and management
- Water conservation and rain water harvesting
- Waste management
- Pollution control, water, air, noise, soil
- Wildlife conservation: projects in India

SPECIALISED SUBJECTS (ARMY)

Total Marks: 21 Total

Periods: 35

Unit 1: Armed Forces

05 Periods

Aim: To acquaint cadets with the Armed Forces

Scope: Introductory and general information about the Armed Forces

- Basic organization of Armed Forces
- Organization of the Army
- Badges and Ranks
- Honours and Awards
- Modes of entry into Army
- Fighting Arms
- Supporting Arms and Services

Unit 2: Military History

05 Periods

Aim: To provide knowledge of renowned Military Generals, PVCs and Indo-Pak Wars

Scope: Introduction to biographies, famous Indian battles and gallantry awards

- Biographies of renowned generals (Carriappa/ Manekshaw)
- Indian Army War Heroes
- Study of battles of Indo-Pak war 1965, 1971 and Kargil
- War movies

Unit 3: Map Reading

11 Periods

Aim: To teach cadets elementary map reading

Scope: Basic understanding of map sheets and map reading instruments and development of capability to use them to carry out simple Map Reading

- Introduction to types of Maps and conventional signs.
- Scales and grid system
- Topographical forms and technical terms
- Relief, contours and gradients
- Cardinal points and Types of North
- Types of bearings and use of service protractor

Unit 4: Field Craft and Battle Craft

11 Periods

Aim: To teach cadets elementary field craft and battle craft

Scope: Basic field craft and battle craft

- Introduction
- Judging distance
- Description of ground
- Recognition, description and indication of land marks and targets
- Observation, camouflage and concealment
- Field signals
- Use of ground and movement
- Selection of formations
- Knots and Lashing

Unit 5: Communication

03 Periods

Aim: To introduce cadets to latest trends in the field of communications

Scope: Types of communications and future trends

- Importance of communication
- Means of communication

SPECIALIZED SUBJECTS (NAVY)

Total Marks: 21

Total Periods: 35

Unit 1: Naval Orientation

Periods 07

Aim: To impart training on Naval Organisation.

Scope: History of Indian Naval Organizations, Rank structure, Indo-Pak War- 1971 etc.

- Indo Pak War -1971
- Rank Structure and Badges - PBOR to MCPO and Equivalent
- Rank Structure and Badges - Officers and equivalent
- Mode of entry into IN

Unit 2: Naval Communication

Periods 04

Aim: To impart basic knowledge to Naval Communication.

Scope: Introduction to visual communication.

- Semaphore, Use of semaphore, introduction of various letter position, Reading of semaphore message, Transmission of semaphore message
- Introduction to radio telephony procedure

Unit 3: Seamanship

Periods 12

Aim: To impart basic knowledge about Seamanship.

Scope: Introduction to rigging, anchor work, parts of boats and accessories etc.

- Fundamentals of Steering - Steering orders, reports and alteration of course
- Parts of a Sail- types of sails
- Parts of Whaler and Oar- Pulling orders
- Parts of a Cadet Class Dingy- sailing terms
- Throwing a Heaving Line- Use of Heaving line on board
- Use of Boatswain Call (Piping)- Parts of Pipe

Unit 4: Navigation

Periods 06

Aim: To impart basic knowledge to Naval Communication.

Scope: Introduction to visual communication.

- Uses of Maps and Charts and its purpose
- Instruments required for chart work
- Markings on Chart, Light houses, buoys
- Introduction to Map reading and Navigation Aids to include GPS

Unit 5: Ship and Boat Modelling

Periods 06

Aim: To impart basic knowledge about Ship Modelling to cadets.

Scope: Basic knowledge about reading of Diagrams and construction of Ship Models.

- Practical Training on Static Models
- Preparation of hull construction
- Preparation of super structure
- Chemical work and finishing of model
- Stability and Operation of model

SPECIALIZED SUBJECTS (AIR FORCE)

Total Marks: 21

Total Periods: 35

Unit 1: Air Campaigns

06 Periods

Aim: To introduce Air Campaigns of Air Force

Scope: An overview of important campaigns

- Indo-Pak War-1971
- Operation Safed Sagar
- Motivational Movies

Unit 2: Aircraft Recognition

03 Periods

Aim: To introduce various aircrafts of the Air Force

Scope: Types, roles, variants of aircraft of the IAF

- Fighters
- Transport
- Helicopters.

Subject 3: Aero-modelling

24 Periods

Aim: To provide knowledge about Aero Modelling

Scope: Materials used in different types of models

- History of Aero-modelling
- Materials used in Aero-modelling
- Types of Aero-modelling
- Flying/Building of Aero-models

Unit 4: Atmosphere

01 Periods

Aim: To give basic knowledge of Atmosphere

Scope: Use of basic knowledge of Atmosphere

- Atmosphere

Subject 5: Maps

01 Periods

Aim: To give basic knowledge of Air Navigation

Scope: Use of Maps and fundamentals of Map Reading from the air

- Maps

Annual Training Camp: Junior and Senior Division

Rationale

- The Annual Training Camp is an exciting and essential element of NCC. Activities at the camp will help students develop qualities like social service, team spirit, challenge, leadership, discipline, self confidence, widen horizon, develop ambition to do creative work, enhance personal and social development, learn how to overcome adversity, civil defence & self defence, other new and exciting experiences.
- The Training Camp will make the students become more aware that they are a part of a greater ecosystem and are not bound by social customs and norms. In essence, students will be true to themselves and more able to see others as people regardless of class, colour and creed.
- Camp activities will lead students to self-reliance, self-confidence, national spirit and leadership, and will enhance the NCC aims of developing character, comradeship, discipline, secular outlook, spirit of adventure and the ideals of selfless service among the youth of the country.
- The Training Camp will let students live in the camp with a social environment and help teachers observe and understand their students' development in terms of personal aspirations, psychological behaviours and social skills. It will also allow students to appreciate their environment and natural surroundings and provide opportunities for students to be independent and exercise self-discipline.
- The Annual Training Camp is the culmination of NCC training instills and stimulates in youths an urge for excellence and inculcates a spirit of adventure and outdoor activities.

Objectives

- Attendance of ATC is a mandatory requirement before the cadet is eligible for A and B Certificate in case JD/JW and SD/SW respectively.
- ATC is conducted for duration of 10 days in the second year of JD/JW and SD/SW to provide outdoor practical trg.
- General activities covered during the ATC are as under :-
 - Ø Physical fitness to include PT, Yoga, Games, Obstacle trg Drill
 - Ø Weapon training and firing.
 - Ø Map Reading
 - Ø Field Craft and Battle Craft.
 - Ø Personality development.
 - Ø National Integration and Social awareness.
 - Ø Cultural activities.

- Ø Lectures on Civil Affairs, Social Awareness and Community Development, Health and Hygiene and environment issues.
- Cadets will be tested for practical training during the camp as under: -
 - Ø Drill.
 - Ø Weapon Training.
 - Ø Firing.
 - Ø Obstacle Training.
 - Ø Map Reading.
 - Ø Field Craft and Battle Craft.
- ATC will be conducted under the aegis of the unit affiliated to the school/college.
- ATC will be conducted during the period from August to February by the ANO and Cadets keeping in view the availability of cadets as per their academic /curricular schedule

CLASS - X
ANNUAL TRAINING CAMP: JUNIOR DIVISION (ARMY)
(Block Syllabus)

S. No.	UNITS	MARKS	PERIODS
1	Physical Training, Games and Obstacle Training	4	12
2	Drill	8	16
3	WT and Firing	8	16
4	Map Reading	6	12
5	FC and BC	4	10
6	Military History	0	12
7	Personality Development	0	18
8	National Integration, Civil Affairs, Environment, Social Awareness and Community development, Health and hygiene	0	16
	Total	30	112

ANNUAL TRAINING CAMP

Total Marks 30		Periods 112
Unit 1: Physical Training and Games	04 Marks	12 Periods
<ul style="list-style-type: none">• Physical Training• Yoga• Games• Obstacle Training		
Unit 2: Drill	08 Marks	16 Periods
<ul style="list-style-type: none">• Words of Command• Drill Without Arms• Individual Drill• Squad Drill		
Unit 3: Weapon Training	08 Marks	16 Periods
<ul style="list-style-type: none">• Characteristics of 22 Rifle, Stripping, Assembling• Loading/Unloading And Bolt Manipulation• Lying position and Holding• Aiming, Range and Figure Target• Trigger Control and Firing a Shot• Range Procedure and Safety Precautions• Firing. 22 Rifle		
Unit 4: Map Reading	06 Marks	12 Periods
<ul style="list-style-type: none">• Introduction to Map and Conservational Signs• Prismatic Compass, use and introduction to GPS		
Unit 5: Field Craft and Battle Craft	04 Marks	10 Periods
<ul style="list-style-type: none">• Description of Ground• Judging Distance• Field Signal• Section Formation• Knots and Lashing• Observation, Camouflage and Concealment		

Unit 6: Military History**00 Marks****12 Periods**

- Biographies of Military Leaders
- Indian Battles
- Indian Army War Heroes
- War Movies

Unit 7: Personality Development**00 Marks****18 Periods**

- Factors Influencing/Shaping Personality-Physical, Social, Psychological and Philosophical
- Self Awareness and Critical and Creative Thinking
- Importance of Team Work, Communication Skills-Group Discussion
- Character Building
- Leadership Traits
- Interview Skills
- Time Management

Unit 8: National Integration and Social Awareness National Integration**00 Marks****16 Periods**

- Unity in Diversity
- National Integration and its Importance
- Contribution of Youth to Nation Building

CIVIL AFFAIRS**DISASTER MANAGEMENT FIRE SERVICES AND FIRE FIGHTING VIGILANCE AWARENESS**

- Civil Defence Organization and Its Duties
- Types of Emergencies/Natural Disasters
- Role of NCC during Natural Hazards
- Civil Administrative setup at District/Tehsil/Village

ENVIRONMENT AWARENESS

- Conservation of Environment and Ecology
- Pollution and its Control
- Wildlife Conservation

SOCIAL AWARENESS AND COMMUNITY DEVELOPMENT

- Drug Abuse and Trafficking
- HIV and AIDS-Causes and Prevention
- Cancer awareness
- Adult Education
- Traffic Control Organization
- Rural Development Programmes
- Civic Responsibilities
- Corruption
- Social Evils
- Child Abuse and Trafficking
- Female foeticide

HEALTH AND HYGIENE

- First Aid In Common Medical Emergencies
- Hygiene And Sanitation-Personal and Food Hygiene
- Preventable Diseases
- Physical and Mental Health

CLASS - X
ANNUAL TRAINING CAMP: JUNIOR DIVISION (NAVY
(Block Syllabus)

S. No.	UNITS	MARKS	PERIODS
1.	Physical Training, Games and Obstacle Training	4	16
2.	Drill	9	20
3.	Wt and Firing	4	8
4.	Naval Orientation	2	4
5.	Naval Communication	2	4
6.	Navigation	1	1
7.	Seamanship	6	11
8.	Ship and Boat Modelling	2	4
9.	Military History	0	8
10.	Personality Development	0	10
11.	National Integration, Civil Affairs, Environment, Social Awareness and Community Development, Health and Hygiene	0	16
12.	TEST	30	10
	TOTAL	30	112

ANNUAL TRAINING CAMP (Detailed Syllabus)

Total Marks 30		Periods 112
Unit 1: Physical Training and Games	04 Marks	16 Periods
<ul style="list-style-type: none">• Physical Training• Yoga• Games		
Unit 2: Drill	09 Marks	20 Periods
<ul style="list-style-type: none">• Words of Command• Drill With Arms• Individual Drill• Squad Drill• Ceremonial Drill		
Unit 3: Weapon Training	04 Marks	08 Periods
<ul style="list-style-type: none">• Characteristics of .22 Rifle• Loading/Unloading and Bolt Manipulation• Lying Posn and Hold• Aiming, Range and Figure Targets• Trigger Control and Firing a Shot• Range Procedure and Safety Precautions• Firing .22 Rifle		
Unit 4: Naval Orientation	02 Marks	04 Periods
<ul style="list-style-type: none">• Main Parts of a Ship• Survival and Rescue- Life Safety• Items on Board Ship, Life Raft• Life Boats and Distress signals		
Unit 5: Naval Communication	02 Marks	04 Periods
<ul style="list-style-type: none">• Semaphore, Use of Semaphore• Introduction of Various Letter• Position, Reading of Semaphore• Message, Transmission of Semaphore		

Unit 6: Navigation	01 Marks	01 Periods
<ul style="list-style-type: none"> • Uses of Maps and Charts and Its • Purpose, Introduction to Map • Reading and Navigation Aids to Include GPS 		
Unit 7: Seamanship	06 Marks	11 Periods
<ul style="list-style-type: none"> • Rigging, Cordage and Wire Ropes, Rope • Work Terms, Preparation Ropes for use, Bends and Hitches, Anchor and Anchor cable 		
Unit 8: Ship and Boat Modeling	02 Marks	04 Periods
<ul style="list-style-type: none"> • Reading of a Ship Drawing of a Model, Practical Training on Static Models viz Preparation of Hull • Construction of Super Structure, Chemical Work and Finishing of a Model and Stability and Operation of a Model 		
Unit 9: Military History	00 Marks	08 Periods
<ul style="list-style-type: none"> • Biographies of Military Leaders • Famous Battles 		
Unit 10: Personality Development	00 Marks	10 Periods
<ul style="list-style-type: none"> • Factors Influencing/Shaping Personality • Physical, Social, Psychological and Philosophical • Self Awareness and Critical and Creative Thinking • Communication Skills-Group Discussion • Importance of Team Work, Character Building, • Leadership Traits, Interview Skills • Time Management 		
Unit 11: National Integration, Civil Affairs Environment, Social Awareness & Community Development, health and Hygiene	00 Marks	16 Periods
<ul style="list-style-type: none"> • Unity In Diversity • National Integration and Its Importance • Contribution of Youth In Nation Building 		
Civil Affairs		
<ul style="list-style-type: none"> • Disaster Management 		

- Fire Fighting
- Vigilance Awareness
- Civil Defence Organization and Its Duties
- Types Of Emergencies / Natural Disasters
- Role Of NCC during Natural Hazards

Environment Awareness

- Conservation of Environment and Ecology
- Pollution and Its Control
- Wildlife Conservation

Social Awareness and Community Development

- Drug Abuse and Trafficking, HIV and AIDS
- Cancer Awareness, Adult Education
- Traffic Control
- Evils - Female Foeticide, Abuse, Dowry

Health and Hygiene

- First Aid in Common Medical Emergencies
- Hygiene and Sanitation
- Preventable Diseases
- Dressing of Wounds
- Physical and Mental Health

ELIGIBILITY CONDITIONS FOR CERTIFICATE EXAMINATIONS

‘A’ CERTIFICATE

1. All NCC cadets in Junior Division, on successful completion of their two years training and having passed Part `A` examination conducted by respective NCC units, are issued NCC `A` Certificate. The certificate examination comprises of a written and practical test. Cadets to be eligible to appear in the certificate examination must fulfill the following conditions.
 - (a) The cadet should be on the roll of NCC unit/sub unit.
 - (b) The cadet should have attended a minimum of 75% of total training periods laid down in the syllabus for the first and second years of Junior Division/ Wing, NCC (All Wings).
 - (c) Attended one Annual Training Camp of JD/JW.
 - (d) Break in the NCC training of the cadet prior to appearing in the examination

should not exceed more than 12 months at one time, to count his previous training period. In case the break exceeds 12 months and the cadet has been on the unit rolls for a minimum of two years before his discharge and had attended 75% of the total period during his NCC service; he/she will need another 45 periods in the year he/she is appearing for the examination.

NOTICE

1. NCC as an additional Subject will be available to those schools where NCC already exists. It will be available as per existing strength.
2. Schools wishful of applying for allotment of NCC must apply to the nearest NCC Unit and not to CBSE. NCC will be allotted as per seniority as per provisions of NCC Act and Rules, 1948.