## NATIONAL CADET CORPS (N.C.C) – CLASS IX - (CODE: 076)

### Common Subjects

#### Unit-1 : The NCC
**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
**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  
- Problems/ Challenges of National Integration  
- Images/ Slogans for National Integration

#### Unit-3 : Civil Affairs
**Aim:** To train Cadets to assist Civil administration in performance of selective duties during disasters  
**Scope:** Basic information about civil defense organization and its duties, maintenance of essential services and providing assistance to civil administration in various types of emergencies during national disasters  
- Types of Emergencies/ Natural Hazards  
- Role of NCC during Natural Hazards/ Calamities  
- Fire Service and Fire Fighting

#### Unit-4 : Drill
**Aim:** To inculcate a sense of discipline, improve bearing, smartness, ant turnout and to develop the quality of immediate and implicit obedience to 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  
  - Saluting at the halt  
  - Getting on parade, dismissing and falling out  
  - Saluting on the March Individual word of command

#### Unit-5 : Weapon Training
**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  
- Range precautions and safety precautions

#### Unit-6 : Adventure Training
**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 administrative planning  
- Cycle expedition including selection of route and administrative planning
### Unit-7: Personality Development and Leadership

**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
- Self-confidence, courage & self-conviction
- Problem solving 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

**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
- Contribution of youth towards social welfare
- Civic responsibilities
- Drug abuse and trafficking
- Causes and prevention of HIV/AIDS, Role of Youth
- Corruption
- Provisions of child Act

### Unit-9: Health and Hygiene

**Aim:** To instill respect and responsibility towards personal health and hygiene.

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

- 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

### Specialized Subject (Army)

#### Unit 1: Armed Forces

**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
- Honors and Awards
- Modes of entry into Army
### Unit 2: Military History
**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)
- Study of battles of Indo-Pak war 1965, 1971 and Kargil
- War movies

### Unit-3: Map Reading
**Aim:** To teach cadets elementary map reading
**Scope:** Basic understanding of mapsheets 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

### Unit-4: Field Craft and Battle Craft
**Aim:** To teach cadets elementary field craft and battle craft
**Scope:** Basic field craft and battle craft
- Introduction
- Judging distance
- Description of ground
- Fieldsignals
  - Use of ground and movement
  - Selection of formations (Section formation)

### Unit-5: Communication
**Aim:** To introduce cadets to the latest trends in the field of communications
**Scope:** Types of communications and future trends
- Importance of communication
- Means of communication

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### Specialized Subject (Navy)

#### Unit-1: Naval Orientation
**Aim:** To impart training on Naval Organization.
**Scope:** History of Indian Naval Organizations, Rank structure, Indo-Pak War-1971 etc.
- History of the Indian Navy (Gallantry Award Winners)
- Organization of IN- NHQ, Commands and Ships
- Organization on Board a Ship
- Survival and Rescue-Life Safety Items onboard Ship, Life Raft
- Life Boats and Distress Signals

#### Unit-2: Naval Communication
**Aim:** To impart basic knowledge of Naval Communication.
**Scope:** Introduction to visual communication.
- Introduction to Naval Communication
- Phonetic Alphabet - Introduction and use

#### Unit-3: Seamanship
**Aim:** To impart basic knowledge about Seamanship.
**Scope:** Introduction to rigging, anchor work, parts of boats and accessories etc.
- Rigging
  - Bends and Hitches: Reef Knot, Half Hitch, Clove Hitch, Rolling Hitch, Timber Hitch, Bowline, Round Turn and Two Half Hitches and Bow Line on the Bight and its basic element
## Unit-4: Ship and Boat Modeling

Aim: To provide knowledge about Ship Modeling  
Scope: Materials used in different types of models  
- Principles of Ship Modeling  
- Reading of a Ship Drawing of a Model  
- Views in blueprint  
- Measurement of superstructure and hull

## Specialized Subject (Air Force)

### Unit-1: General Service Knowledge

Aim: To impart basic knowledge of IAF  
Scope: History and Organization of IAF  
- Development of Aviation  
- History of IAF

### Unit-2: Air Campaigns

Aim: To impart basic knowledge of Air Campaigns  
Scope: History and Motivation.  
- Indo-Pak War-1971  
- Operation Safe Sagar

### Unit-3: Aero-modelling

Aim: To provide knowledge about Aero Modelling  
Scope: History of aero modelling, materials used in different types of models  
- History of Aero-modelling

### Unit-4: Principles of Flight

Aim: To introduce principles of flight  
Scope: To impart knowledge about basic principles on which aviation is based  
- Introduction  
- Glossary of Terms

### Unit-5: Parts of Aircraft

Aim: To provide knowledge of Aircraft Parts  
Scope: Knowledge about the parts of aircraft to be flown  
- Parts of Aircraft

### Unit-6: Aircraft Particulars

Aim: To provide knowledge of Aircraft Instruments  
Scope: Knowledge about the aircraft to be flown including checks and procedures  
- Aircraft Particular Type, Specific

### Unit-7: Airfield Layout

Aim: To provide knowledge of Airfields  
Scope: Knowledge about the airfields to be flown including checks and procedures Airfield Layout

### Unit-8: RT Procedure

Aim: To provide knowledge of wireless communication.  
Scope: Knowledge about the communication is required for flying aircraft  
- RT Procedure
### Common Subject

**Unit-1 : The NCC**
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  - Aims and Objectives of NCC
  - Organization and Training and NCC Song
  - Incentives of Joining NCC

**Unit-2 : National Integration and Awareness**
- **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
  - Freedom Struggle and Nationalist Movement in India
  - Unity in Diversity
  - Famous Leaders of India
  - Contribution of Youth to Nation Building

**Unit-3 : Civil Affairs**
- **Aim:** To train Cadets to assist Civil administration in performance of selective duties during disasters
- **Scope:** Basic information about civil defense organization and its duties, maintenance of essential services and providing assistance to civil administration in various types of emergencies during national disasters
  - Civil Defense Organization and its duties/ NDMA
  - Role of NCC during Natural Hazards/ Calamities
  - Fire Service and Fire Fighting

**Unit-4 : Drill**
- **Aim:** To inculcate a sense of discipline, improve bearing, smartness, ant turnout and to develop the quality of immediate and implicit obedience to 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
  - Saluting at the halt
  - Getting on parade, dismissing and falling out
  - Turning on the march and wheeling
  - Individual word of command

**Unit-5 : Weapon Training**
- **Aim:** To give elementary knowledge about rifles
- **Scope:** Basic knowledge about rifle and firing
  - Characteristics of a rifle/rifle ammunition and its fire power
  - 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**
- **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 administrative planning
  - Rock Climbing
### Unit-7: Personality Development and Leadership

**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  
- Critical and creative thinking  
- Communication skills: group discussions/lectures  
- 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

### Unit-8: Social Awareness Community Development

**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  
- 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

**Aim:** To instill respect and responsibility towards personal health and hygiene  
**Scope:** Basic information of the human body, maintenance of health and hygiene, sanitation, disease and an elementary knowledge of First Aid and Nursing  
- Structure and functioning of the human body  
- 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

**Aim:** To sensitize 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
### Specialized Subject (Army)

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- **Aim:** To acquaint cadets with the Armed Forces
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  - Basic organization of Armed Forces
  - Organization of the Army
  - Badges and Ranks
  - Honors and Awards
  - Modes of entry into Army

**Unit-2: Military History**
- **Aim:** To provide knowledge of renowned Military Generals, PVCs and Indo-Pak Wars
- **Scope:** Introduction to biographies, famous Indian battles and gallantry awards
  - Indian Army War Heroes
  - Study of battles of Indo-Pak wars 1965, 1971 and Kargil

**Unit-3: Map Reading**
- **Aim:** To teach cadets elementary map reading
- **Scope:** Basic understanding of mapsheets 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
  - Topographical forms and technical terms
  - Cardinal points and Types of North
  - Types of bearings and use of service protractor

**Unit-4: Field Craft and Battle Craft**
- **Aim:** To teach cadets elementary field craft and battle craft
- **Scope:** Basic field craft and battle craft
  - Introduction
  - Judging distance
  - Description of ground
  - Observation, camouflage and concealment
  - Field signals
  - Use of ground and movement
  - Selection of formations (Section formation)

**Unit-5: Communication**
- **Aim:** To introduce cadets to the latest trends in the field of communications
- **Scope:** Types of communications and future trends
  - Means of communication

### Specialized Subject (Navy)

**Unit-1: Naval Orientation**
- **Aim:** To impart training on Naval Organization.
- **Scope:** History of Indian Naval Organizations, Rank structure, Indo-Pak War-1971 etc.
  - 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**
- **Aim:** To impart basic knowledge of Naval Communication.
- **Scope:** Introduction to visual communication.
  - Semaphore, use of semaphore, introduction of various letter position, Reading of semaphore message,
  - Transmission of semaphore message
**Unit-3: Seamanship**
Aim: To impart basic knowledge about Seamanship.
Scope: Introduction to rigging, anchor work, parts of boats and accessories etc.
- Rigging
- Fundamentals of Steering - Steering orders, reports and alteration of course
- Parts of Sail - types of sails
- Parts of Whaler and Oar - Pulling orders
- Parts of Cadet Class Dingy - sailing terms

**Unit-4: Navigation**
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

**Unit-5: Ship and Boat Modelling**
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

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**Specialized Subject (Air Force)**

**Unit-1: Air Campaigns**
Aim: To introduce Air Campaigns of Air Force
- Indo-Pak War - 1971
- Operation Safe Sagar

**Unit-2: Aircraft Recognition**
Aim: To introduce various aircrafts of the Air Force
Scope: Types, roles, variants of aircraft of the IAF
- Fighters
- Transport
- Helicopters

**Unit-3: Aero-modelling**
Aim: To provide knowledge about Aero Modelling
Scope: History of aero modelling, materials used in different types of models
- Materials used in Aero-modelling
- Types of Aero-models
- Flying/ Building of Aero-models

**Unit-4: Atmosphere**
Aim: To give basic knowledge of Atmosphere
Scope: Use of basic knowledge of Atmosphere
- Atmosphere

**Unit-5: Maps**
Aim: To give basic knowledge of Air Navigation
Scope: Use of Maps and fundamentals of Map Reading from the air
- Maps