

**CLASS - IX**  
**Block Syllabus**

Sl No.	Unit	Marks	Periods
<b>Part 1: Common Subjects</b>			
1	The NCC	08	03
2	National Integration and Awareness		07
3	Civil Affairs		04
4	Drill	25	19
5	Weapon Training		16
6	Adventure Training and Obstacle		8
7	Personality Development and Leadership	16	10
8	Social Awareness and Community Development		08
9	Health and Hygiene		06
10	Environment Awareness and Conservation		02
	<b>Total</b>	<b>49</b>	<b>83</b>
<b>Part 2 A: Special Subjects (Army)</b>		<b>Marks</b>	<b>Periods</b>
1	Armed Forces	04	04
2	Military History		06
3	Map Reading	17	13
4	Field Craft and Battle Craft		09
5	Communication		03
	<b>Total</b>	<b>21</b>	<b>35</b>
<b>Part 2 B: Special Subjects (Navy)</b>		<b>Marks</b>	<b>Periods</b>
1	Naval Orientation	11	17
2	Naval communication		04
3	Seamanship	10	12
4	Ship and Boat Modelling		02
	<b>Total</b>	<b>21</b>	<b>35</b>
<b>Part 2 C: Special Subjects (Air Force)</b>		<b>Marks</b>	<b>Periods</b>
1	General Service Knowledge	12	05
2	Air Campaigns		02
3	Aero Modelling		08
4	Principle of Flight	09	09
5	Parts of Aircraft		02
6	Aircraft Particulars		01
7	Air Field Layout		01
8	RT Procedure		02
	<b>Total</b>	<b>21</b>	<b>30</b>

## **COMMON SUBJECTS (Detailed Syllabus)**

Total Marks: 49

Total Periods: 83

### **Unit 1: The NCC**

**03 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.
- Organisation and Training and NCC Song
- Incentives of Joining NCC

### **Unit 2: National Integration and Awareness**

**07 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 to Nation Building

### **Unit 3: 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 Organization 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**

**19 Periods**

**Aim:** To inculcate a sense of discipline, improve bearing, smartness, and 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
- 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**

**16 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**

**08 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**

**10 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**

**08 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**

**06 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**

**02 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

04 Periods

Aim: To acquaint cadets with the Armed Forces

Scope: Introductory and general information about the Armed Forces

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

### Unit 2: Military History

06 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

13 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

### Unit 4: Field Craft and Battle Craft

09 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 the latest trends in the field of communications

Scope: Types of communications and future trends

- Importance of communication
- Means of communication
- Modern methods of communication

## **SPECIALIZED SUBJECTS (NAVY)**

Total Marks: 21 Total

Periods: 35

### **Unit 1: Naval Orientation**

**17 Periods**

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
- Main Parts of a Ship
- Types of Warships and Role - A/C Carriers, Submarines, Destroyers, and Frigates
- Organization on Board a Ship
- Survival and Rescue - Life Safety Items on board Ship, Life Raft, Life Boats and Distress Signals

### **Unit 2: Naval Communication**

**04 Periods**

Aim: To impart basic knowledge of Naval Communication.

Scope: Introduction to visual communication.

- Introduction to Naval Communication
- Semaphore, use of semaphore, introduction of various letter position, Reading of semaphore message, Transmission of semaphore message
- Phonetic Alphabet - Introduction and use

### **Unit 3: Seamanship**

**12 Periods**

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, Bow line, Round Turn and Two Half Hitches and Bow Line on the Bight and its basic element
- Anchor and Anchor Cable- Types of anchors and cable its use

### **Unit 4: Ship and Boat Modelling**

**02 Periods**

Aim: To provide knowledge about Ship Modelling

Scope: Materials used in different types of models

- Principles of Ship Modelling
- Reading of a Ship Drawing of a Model
- Views in blue print
- Measurement of superstructure and hull

## **SPECIALIZED SUBJECTS (AIR FORCE)**

Total Marks: 20 Total

Periods: 30

### **Unit 1: General Service Knowledge**

**05 Periods**

Aim: To impart basic knowledge of IAF

Scope: History and Organization of IAF

- Development of Aviation.
- History of IAF

### **Unit 2: Air Campaigns**

**02 Periods**

Aim: To impart basic knowledge of Air Campaigns

Scope: History and Motivation.

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

### **Unit 3: Aero-modelling**

**08 Periods**

Aim: To provide knowledge about Aero Modelling

Scope: History of aero modelling, materials used in different types of models

- History of Aero-modelling



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

#### **Unit 4: Principles of Flight**

**09 Periods**

Aim: To introduce principles of flight

Scope: To impart knowledge about basic principles on which aviation is based

- Introduction
- Laws of Motion
- Glossary of Terms

#### **Unit 5: Parts of Aircraft**

**02 Periods**

Aim: To provide knowledge of Aircraft Parts

Scope: Knowledge about the parts of aircraft to be flown

- Parts of Aircraft

#### **Unit 6: Aircraft Particulars**

**01 Periods**

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**

**01 Periods**

Aim: To provide knowledge of Airfields

Scope: Knowledge about the airfields to be flown including checks and procedures  
Airfield Layout

#### **Unit 8: RT Procedure**

**02 Periods**

Aim: To provide knowledge of wireless communication.

Scope: Knowledge about the communication is required for flying aircraft

- RT Procedure