

Class 6

Chemistry

MID TERM 1

CH - INTRODUCTION TO CHEMISTRY

Knowledge & Understanding:(LOTS)

- Define chemistry and its scope
- Identify basic uses of chemistry

Application:(MOTS)

- Relate chemistry to daily activities
- Explain importance in health and environment

Analysis:(HOTS)

- Classify activities as chemical/non-chemical
- Differentiate scientific vs non-scientific approach

Skill-Based Learning:(HOTS)

- Observe surroundings for chemical changes
- Interpret simple examples

Real-Life Connection:

- Link chemistry to hygiene and lifestyle
- Role in environment protection

HALF YEARLY ASSESSMENT

CH- INTRODUCTION TO CHEMISTRY(REPEAT)

CH - COMMON LABORATORY APPARATUS & EQUIPMENTS

Knowledge & Understanding:(LOTS)

- Identify apparatus and functions
- State uses

Application:(MOTS)

- Select suitable apparatus
- Explain safety practices

Analysis:(HOTS)

- Differentiate types
- Compare uses

Skill-Based Learning:(HOTS)

- Draw and label
- Demonstrate usage

Real-Life Connection:

- Relate to household tools
- Importance of safety

CH – MATTER**Knowledge & Understanding:(LOTS)**

- Define matter and states
- Identify properties

Application:

- Classify substances
- Explain changes

Analysis:

- Differentiate changes
- Compare states

Skill-Based Learning:

- Observe changes
- Record findings

Real-Life Connection:

- Daily examples
- Practical uses

CH – ELEMENTS, COMPOUNDS, SYMBOLS & FORMULAE**Knowledge & Understanding:(LOTS)**

- Define elements and compounds
- Recognize symbols

Application:(MOTS)

- Use symbols
- Identify compounds

Analysis:(HOTS)

- Differentiate types
- Classify substances

Skill-Based Learning:(HOTS)

- Write symbols/formulae
- Interpret representations

Real-Life Connection:

- Daily substances
- Importance of symbols

MID TERM 2**CH – PURE SUBSTANCES & MIXTURES**

Knowledge & Understanding:(LOTS)

- Define pure substances and mixtures
- Identify types

Application:(MOTS)

- Choose separation methods
- Explain techniques

Analysis:(HOTS)

- Differentiate mixtures
- Compare methods

Skill-Based Learning:(HOTS)

- Perform activities
- Record results

Real-Life Connection:

- Daily practices
- Industrial relevance

FINAL ASSESSMENT**CH - AIR & ATMOSPHERE****Knowledge & Understanding:(LOTS)**

- Components and importance
- Role of air

Application:(MOTS)

- Explain oxygen role
- Relate to life processes

Analysis:(HOTS)

- Clean vs polluted
- Causes of pollution

Skill-Based Learning:(HOTS)

- Activities to show air
- Interpret results

Real-Life Connection:

- Health link
- Pollution control

CH - WATER**Knowledge & Understanding:(LOTS)**

- Sources and properties
- Potable water

Application:(MOTS)

- Uses of water
- Purification methods

Analysis:(HOTS)

- Pure vs impure

- Compare methods

Skill-Based Learning:(HOTS)

- Filtration activity

- Record steps

Real-Life Connection:

- Conservation

- Hygiene

REPEAT CHAPTERS

- **PURE SUBSTANCES AND MIXTURES**
- **ELEMENTS, COMPOUNDS, SYMBOLS AND FORMULAE(CERTAIN SUBTOPICS WILL BE TESTED)**