

Course Name: Science in Daily Life

1. Course Module Structure

This course is divided into 10 practical modules that connect scientific concepts with everyday experiences. Each module focuses on real-life applications of science, helping learners understand how science works in daily activities and surroundings.

2. Module, 3. Topic & 4. Module for 10

Module 1: Introduction to Science in Daily Life

Topics:

- What is science?
 - Importance of science in everyday life
 - Observation and curiosity
 - Scientific thinking basics
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Module 2: Science in the Kitchen

Topics:

- Changes during cooking
 - States of matter in food
 - Heat and temperature
 - Preservation methods
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Module 3: Health and Hygiene

Topics:

- Importance of cleanliness
- Germs and diseases

- Personal hygiene practices
 - Role of nutrition
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Module 4: Water and Its Uses

Topics:

- Properties of water
 - Water in daily activities
 - Conservation of water
 - Water purification methods
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Module 5: Air Around Us

Topics:

- Composition of air
 - Importance of oxygen
 - Air pollution
 - Breathing and respiration
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Module 6: Energy in Everyday Life

Topics:

- Types of energy
 - Energy sources
 - Use of electricity at home
 - Saving energy
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Module 7: Forces and Motion

Topics:

- Push and pull
- Movement in daily life
- Simple machines
- Friction and its effects

Module 8: Science in Household Tools

Topics:

- Working of common appliances
 - Tools and machines
 - Safety while using devices
 - Innovations in daily life
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Module 9: Environment and Sustainability

Topics:

- Natural resources
 - Reduce, reuse, recycle
 - Protecting the environment
 - Sustainable living habits
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Module 10: Science Around Us – Application & Review

Topics:

- Real-life problem solving
 - Science experiments at home
 - Revision of key concepts
 - Final assessment and activities
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