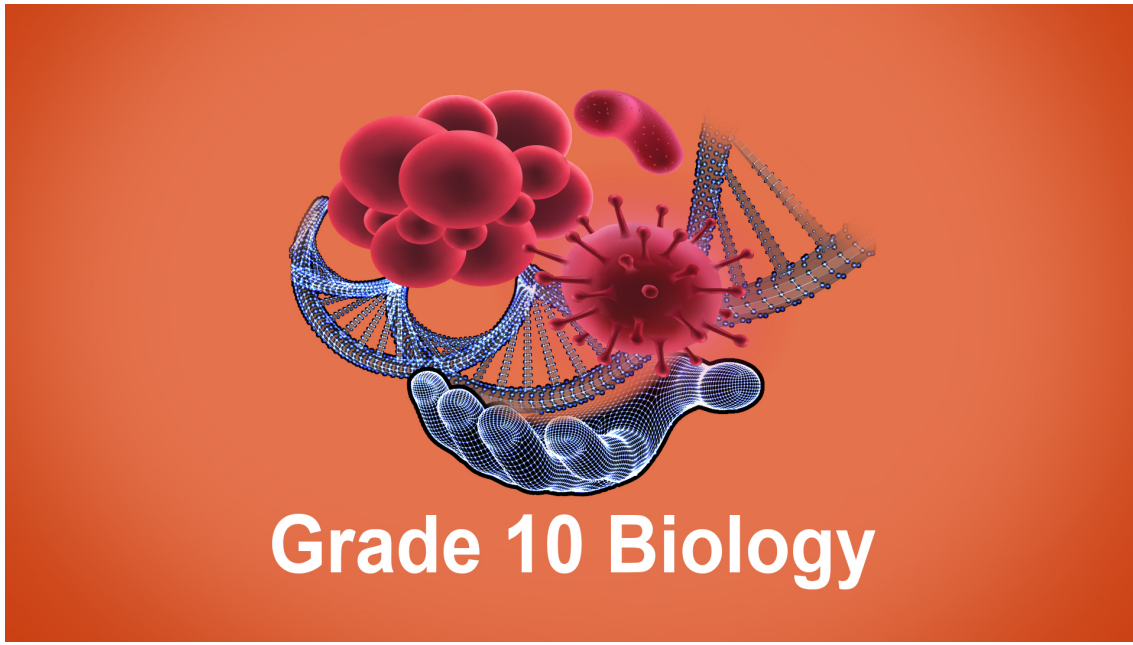


Welcome to ineuron.ai



Class 10th Biology

**Description:**

The Science Syllabus is elegantly designed such that it introduces the basic concepts of Science and its importance in our daily life. It will make the foundation strong for the higher classes. The Biology section focuses on concepts like food, bodily movements, surroundings of living organisms, garbage, etc.

**Start Date:**

**Doubt Clear Time:**

**Course Time:**

**Features:**

# Self Paced Videos

# Completion Certificate

**What we learn:**

# Life processes

# Control and coordination

# How do organisms reproduce

# Heredity and evolution

# Our environment

# Sustainable management of natural resources

### **Requirements:**

# System with Internet Connection

# Interest to learn

# Dedication

### **Instructor:**

#### **Name:**

Dr Nishtha Jain

### **Description:**

I am a doctor by profession but a teacher by passion. I have been into the teaching profession for the last 3 years. I have been and am still a mentor for various courses which include technical as well as non-technical ones. These include MS-Excel, Tableau, Computer basics, Biology, English, etc. I love to learn, explore and share my knowledge to whatever extent possible. Being an ardent educator, I have always helped all my students and will continue to do the same.

### **>Life processes:**

>>Lecture 1 : Introduction and Types of life processes

- >>Lecture 2 : Nutrition, Modes of nutrition and Dental caries
- >>Lecture 3 : Respiration
- >>Lecture 4 : Excretion (in humans and plants), Haemodialysis and Organ donation
- >>Lecture 5 : Transportation (in humans)
- >>Lecture 6 : Blood Pressure, Transportation in Plants
- >>Lecture 1 - NCERT Solutions
- >>Lecture 2 - NCERT Solutions
- >>Lecture 3 - NCERT Solutions
- >>Lecture 4 - NCERT Solutions
- >>Lecture 5 - NCERT Solutions
- >>Lecture 6 - NCERT Solutions
- >>Lecture 7 - NCERT Solutions
- >>Lecture 8 - NCERT Solutions

**>Control and coordination:**

- >>Lecture 1 : Introduction, Nervous System
- >>Lecture 2 : Human brain, Spinal cord
- >>Lecture 3 : Coordination in Plants
- >>Lecture 4 : Hormones - Plants and Animals
- >>Lecture 1 - NCERT Solutions
- >>Lecture 2 - NCERT Solutions
- >>Lecture 3 - NCERT Solutions
- >>Lecture 4 - NCERT Solutions
- >>Lecture 5 - NCERT Solutions

>>Lecture 6 - NCERT Solutions

>>Lecture 7 - NCERT Solutions

**>How do organisms reproduce:**

>>Lecture 1 : Reproduction and its types

>>Lecture 2 : Types of Asexual Reproduction

>>Lecture 3 : Sexual Reproduction in Plants

>>Lecture 4 : Sexual Reproduction in Humans

>>Lecture 5 : Menstrual Cycle and Contraceptive methods

>>Lecture 1 - NCERT Solutions

>>Lecture 2 - NCERT Solutions

>>Lecture 3 - NCERT Solutions

>>Lecture 4 - NCERT Solutions

>>Lecture 5 - NCERT Solutions

>>Lecture 6 - NCERT Solutions

**>Heredity and evolution:**

>>Lecture 1 : Introduction

>>Lecture 2 : Mendel's Laws of Inheritance

>>Lecture 3 : Sex determination, Evolution

>>Lecture 4 : Speciation, Fossils

>>Lecture 1 - NCERT Solutions

>>Lecture 2 - NCERT Solutions

>>Lecture 3 - NCERT Solutions

- >>Lecture 4 - NCERT Solutions
- >>Lecture 5 - NCERT Solutions
- >>Lecture 6 - NCERT Solutions
- >>Lecture 7 - NCERT Solutions
- >>Lecture 8 - NCERT Solutions
- >>Lecture 9 - NCERT Solutions
- >>Lecture 10 - NCERT Solutions
- >>Lecture 11 - NCERT Solutions

### **>Our environment:**

- >>Lecture 1 : Environment, Ecosystem, Food Chain, Ecosystem components, Trophic level
- >>Lecture 2 : Producers, Consumers, Decomposers, Effect of human activities on the environment
- >>Lecture 1 - NCERT Solutions
- >>Lecture 2 - NCERT Solutions
- >>Lecture 3 - NCERT Solutions
- >>Lecture 4 - NCERT Solutions
- >>Lecture 5 - NCERT Solutions
- >>Lecture 6 - NCERT Solutions

### **>Sustainable management of natural resources:**

- >>Lecture 1 : Natural Resources and their types, Artificial Resources, 5 'R's, Forests and Wildlife
- >>Lecture 2 : Forest stakeholders, Bishnoi Community, Management of Forests
- >>Lecture 3 : Water, Harvesting of water, Coal and Petroleum, Conservation of natural resources