

CBSE (NCERT) GRADE 11 - LIST OF VIDEO CLASSES

PCMB

Subject	Number of Videos
Mathematics	183
Physics	302
Chemistry	214
Biology	158
English Grammar	82
Total	939

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CBSE GRADE - 11 (PHYSICS) TABLE OF VIDEO CLASSES

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CBSE GRADE - 11 (CHEMISTRY) TABLE OF VIDEO CLASSES

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	Some Important Compounds of Carbon & Silicon - Part 3
	Some Important Compounds of Carbon & Silicon - Part 4; Fullerenes
Organic Chemistry	Qualitative Analysis - Part 1
	Qualitative Analysis - Part 2
	Tetravalence of Carbon; Structural Formula of Compounds of Carbon - Part 1
	Structural Formula of Compounds of Carbon - Part 2
	Nomenclature of Organic Compounds - Part 1

	Nomenclature of Organic Compounds - Part 2; Functional Groups - Part 1
	Functional Groups - Part 2; Isomerism
	Types of Isomerism
	Fission of a Covalent Bond; Substrate & Reagent
	Inductive Effect; Resonance Effect
	Electrometric Effect; Hyperconjugation
	Distillation under Reduced Pressure; Differential Extraction; Chromatography
	Position Isomerism; Heterolytic Fission; Resonance Effect
	Methods of Purification of Organic Compounds; Types of Chromatography
	Quantitative Analysis; Resonance Energy; Some Functional Groups
Hydrocarbons	Introduction
	Preparation of Alkanes
	Properties of Alkanes; Conformations
	Alkanes Conformations; Nomenclature of Alkenes
	Alkenes - Isomers; Preparations; Physical Properties
	Alkenes - Chemical Properties - Part 1
	Alkenes - Chemical Properties - Part 2
	Alkynes - Preparations; Physical & Chemical Properties; Aromatic Hydrocarbons
	Structure of Benzene; Huckel Rule; Preparation of Benzene; Properties of Benzene
	Properties of Benzene - Part 2; Directive Influence of Functional Group in Monosubstituted Benzene; Carcinogenicity & Toxicity of Hydrocarbons
	Nomenclature & Isomerism in Alkane; Decarboxylation & Kolbe's Electrolytic Method; Addition Reactions; Dihedral Angle
Environmental Chemistry	Smog
	Environmental Pollution
	Tropospheric Pollution
	Stratospheric Pollution; Water Pollution
	International Standards for Drinking Water; Soil Pollution; Strategies to Control Environmental Pollution; Green Chemistry

CBSE GRADE - 11 (BIOLOGY) TABLE OF VIDEO CLASSES

CHAPTER NAME	VIDEO NAME
The Living World	Introduction
	Nomenclature
	Recap
Biological Classification	Kingdom Monera
	Kingdom Protista
	Kingdom Fungi
	Kingdom Fungi Continued...
	Kingdom Plantae and Animalia
Plant Kingdom	Chlorophyceae
	Types of Algae
	Bryophytes
	Pteridophyta and Gymnosperms
	Angiosperms
Animal Kingdom	Introduction
	Levels of Organisation
	Phylums - Part 1
	Phylums - Part 2
	Superclass - Part 1
	Superclass - Part 2
Morphology of Flowering Plants	Introduction
	The Stem
	Leaves
	Parts of a Flower
	The Fruit
	Semi Description of a Typical Flowering Plant
Anatomy of a Flowering Plant	Introduction
	Complex Permanent tissues
	Tissue System Based on Location
	T.S. of Dicot and Monocot Stem and Leaf
	Secondary Growth
Structural Organisation in Animals	Introduction
	Muscle and Neural Tissues
	Earthworm - Part 1
	Earthworm - Part 2
	Cockroach - Part 1
	Cockroach - Part 2

	Frog - Part 1
	Frog - Part 2
Cell : The Unit of Life	Introduction
	Eukaryotic Cell - Its Parts (a)
	Eukaryotic Cell - Its Parts (b)
	Mitochondria and Plastids
	Ribosomes; Cilia and Flagella
	Centrosomes and Centrioles; Nucleus
Biomolecules	Introduction
	Chemical Analysis; Biomacromolecules & Biomacromolecules - Polysaccharide
	Proteins
	Concept of Metabolism
	Enzymes; Classification and Nomenclature
Cell Cycle and Cell Division	Introduction
	Meiosis; Meiosis - I
Transport in Plants	Introduction
	Osmosis; Plasmolysis
	Long distance Transport of Water
	Water Movement Up a Plant
	Uptake of Minerals - Phloem
Mineral Nutrition	Introduction
	Mechanism of Absorption; Nitrogen Fixation
Photosynthesis in Higher Plants	Introduction
	Light Reaction; Difference between PS I and PS II
	Chemiosmosis Hypothesis
	Calvin Cycle
	Photorespiration
Respiration in Plants	Introduction
	Fermentation; Krebs' Cycle
	Electron Transport System
Plant Growth and Development	Introduction
	Growth Hormones Germination & Development - Part 1 ; Plant Growth Regulators
	Growth Hormones - Part 2
Digestion and Absorption	Digestive Glands - Part 1
	Digestive Glands - Part 2
	Chemical Process of Digestion - Part 1
	Chemical Process of Digestion - Part 2
	Digestion as Hormonal and Neural Activity; Absorption - Part 1

	Absorption - Part 2
	Disorders of Digestive System - Part 1
	Disorders of Digestive System - Part 2
	Digestive System
	Teeth; Wall of Alimentary Canal; Malnutrition
Breathing & Exchange of Gases	Introduction
	Human Respiratory System
	Mechanism of Breathing
	Respiratory Volumes & Capacities
	Exchange of Gases
	Transport of Gases (Oxygen)
	Transport of Gases (Carbon Dioxide); Regulation of Respiration
	Disorders of Respiratory System
Body Fluids and Circulation	Introduction
	Blood & RBC; WBC; Platelets
	Blood Groups; Rh Grouping
	Coagulation of Blood and Lymph
	Circulatory Patterns; Circulatory Pathway
	Human Circulatory System; Heart & Cardiac Muscular
	Cardiac Cycle
	Stethoscope; ECG
	Double Circulation; Hepatic Portal System
	Regulation of Cardiac Activity
	Disorders of Circulatory System
Excretory Products and Their Elimination	Introduction
	Human Excretory System
	Urine Formation
	Functions of Tubules
	Mechanism of Concentration of Filtrate
	Regulate of Kidney Function
	Micturition
	Role of Other Organs in Excretion
	Disorders of Excretory System - Part 1
	Disorders of Excretory System - Part 2
Locomotion and Movement	Introduction
	Different Types of Movement in Humans
	Types of Muscles
	Examining Skeletal Muscles

	Structure of Contractile Proteins
	Mechanism of Muscle Contraction
	Muscle Fatigue; Types of Muscle Fibers
	Skeletal System - Bones
	Vertebral Column and Its Functions; Ribs
	Appendicular System - Part 1
	Appendicular System - Part 2; Joints - Part 1
	Joints - Part 2
	Disorders of Musculoskeletal System - Part 1
	Disorders of Musculoskeletal System - Part 2
Neural Control and Coordination	Introduction
	Neural System
	Structure of Neuron; Types of Neuron
	Types of Axons; Generation and Conduction of Nerve Impulses
	Mechanics of AP Conduction & Impulse Conduction; Transmission of Impulses
	Types of Synapses; CNS; Functions of Brain
	Layers of the Brain; Parts of Brain
	Sagittal Section of Brain; Forebrain
	Thalamus, Hypothalamus; Limbic Lobe
	Midbrain; Hindbrain
	Reflex Action 7 Reflex Arc; Sensory Reception & Processing
	Structure of Eye - Part 1
	Retina; Structure of Eye - Part 2
	Mechanism of Vision
	Structure of Ear - Outer Ear
	Structure of Ear - Middle Ear & Inner Ear
	Structure of Ear
	Mechanism of Hearing; Functions
Chemical Coordination and Integration	Introduction
	Hypothalamus
	Pituitary Gland
	Hormones of Pituitary Gland
	Gonadotrophins, Melanocyte Stimulating Hormone
	Oxytocin, Vasopressin, Pineal Gland
	Thyroid Gland - Part 1
	Thyroid Gland - Part 2
	Parathyroid Gland

	Disorders of Parathyroid Gland; Thymus
	Adrenal Gland
	Hormones of Adrenal Gland
	Pancreas
	Insulin
	Testis
	Ovary
	Hormones of Other Organs
	Mechanism of Hormone Action

ENGLISH GRAMMAR (COMPLIMENTARY) TABLE OF VIDEO CLASSES

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Parts of Speech	Parts of Speech
	Nouns
	Pronouns
	Adjectives
	Verbs
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	Adverbs - 2
	Proposition - 1
	Preposition - 2
	Conjunctions
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	Common Noun and Collective Noun
	Countable and Uncountable Nouns - Part 1
	Countable and Uncountable Nouns - Part 2
	Concrete and Abstract Nouns
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	Neuter Gender
Noun Cases	Noun Cases
	Objective Case / Accusative Case
	Possessive Case
	Vocative Case
Noun Number	Noun Number - Singular - Plural Rules 1,2,3,4
	Noun Number - Singular - Plural Rules 1,2,3,4
	Noun Number - Singular - Plural Rules 11,12
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	Compound Nouns - Part 2

	Compound Nouns - Part 3
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	Articles - 2
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	Definite Article "THE" - Part 2
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	Verb-2
	Verb-3
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	Subject Verb Agreement -2
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	Personal Pronouns as Subject and Object
	Relative Pronoun - Demonstrative Pronoun
	Indefinite Pronouns - 1
	Indefinite Pronouns - 2
	Reflexive Pronouns
Tenses	Tenses
	Present Tense - 1
	Present Tense - 2
	Past Tense - 1
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	Figures of Speech - 2
	Figures of Speech - 3
	Figures of Speech - 4
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	Types of Nouns
Adjectives	Adjectives - 1
	Adjectives - 2
	Adjectives - 3
	Types of Adjectives -1
	Types of Adjectives -2
Articles	Indefinite Articles
	Definite Articles
Auxiliary Verbs	Auxiliary Verbs -1
	Auxiliary Verbs -2
	Auxiliary Verbs - 3
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	The Sentence - Part 2

	Types of Sentences - Part 1
	Types of Sentences - Part 2
Phrases and Clauses	Types of Phrases
	Types of Clauses
Idioms	Idioms - Part 1
	Idioms - Part 2
	Idioms - Part 3
	Idioms - Part 4
	Idioms - Part 5
Question tags	Question tags
Parts of a Sentence	Parts of a Sentence -1
	Parts of a Sentence -2
Pronouns	Interrogative Pronoun
	Possessive Pronoun
Verbs	Main verbs; Auxiliary verbs

*English Grammar is being offered as Complimentary along with Annual Pack