

**CBSE Class 9****Science Term-wise Marking Scheme for 2021-22**

Refer to the table below to get the unit-wise marking scheme and marks distribution for 2021-22.

**COURSE STRUCTURE****CLASS IX**

<b>EVALUATION SCHEME</b>		
<b>Theory</b>		
<b>Units</b>	<b>Term- I</b>	<b>Marks</b>
I	Matter-Its Nature and Behaviour: Chapter - 2	09
II	Organization in the Living World: Chapter - 5 and 6	18
III	Motion, Force and Work: Chapter - 8 and 9	13
<b>Units</b>	<b>Term - II</b>	<b>Marks</b>
I	Matter-Its Nature and Behaviour: Chapter 3 and 4	18
II	Organization in the Living World: Chapter -13	08
III	Motion, Force and Work: 10 and 11	14
<b>Total Theory (Term I+II)</b>		<b>80</b>
<b>Internal Assessment: Term I</b>		<b>10</b>
<b>Internal Assessment: Term II</b>		<b>10</b>
<b>Grand Total</b>		<b>100</b>

## Term 1 and Term 2

We have provided topic-wise CBSE Class 9 syllabus 2021 detail for Science for Term 1 and Term 2. Students must check and analyse it, to make a systematic exam preparation plan.

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### TERM – I

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**Theme: Materials**

**Unit I: Matter- It's Nature and Behaviour**

**Chapter – 2 Is matter around us Pure**

**Nature of matter:** Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions.

**Theme: The World of the Living**

**Unit II: Organization in the Living World**

**Chapter – 5 The Fundamental Unit of Life**

**Cell - Basic Unit of life:** Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.

**Chapter – 6 Tissues**

**Tissues, Organs, Organ System, Organism:**

Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).

**Theme: Moving Things, People and Ideas**

**Unit III: Motion, Force and Work**

**Chapter – 8 Motion**

**Motion:** Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, derivation of equations of motion by graphical method; elementary idea of uniform circular motion.

**Chapter – 9 Force and Laws of Motion**

**Force and Newton's laws:** Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of Momentum.

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## TERM - II

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**Theme: Materials**

**Unit I: Matter- It's Nature and Behaviour**

**Chapter – 3 Atoms and Molecules**

**Particle nature and their basic units:** Atoms and molecules, Law of constant proportions, Atomic and molecular masses. Mole concept: Relationship of mole to mass of the particles and numbers.

**Chapter – 4 Structure of Atom**

**Structure of atoms:** Electrons, protons and neutrons, valency, chemical formula of common compounds. Isotopes and Isobars.

**Theme: Moving Things, People and Ideas**

**Unit III: Motion, Force and Work**

**Chapter – 10 Gravitation**

**Gravitation:** Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.

**Chapter – 11 Work and Energy**

**Work, energy and power:** Work done by a Force, Energy, power; Kinetic and Potential energy; Law of conservation of energy.

**Theme: The World of the Living**

**Unit II: Organization in the Living World**

**Chapter – 13 Why do we fall ill**

**Health and Diseases:** Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation. Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention; Principles of treatment and prevention. Pulse Polio programmes.