

Annual & Weekly Syllabus Split-Up - 2026-27

Grade 8

Subject: Science (Biology)

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	Teaching Aid/Resources	Classroom teaching Video Link	Activity	Art Integrated project	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment	
1	APRIL	25	Week 1	Ch.1 Crop production and management	Crops and agricultural practices	Text book, Charts of Kharif and Rabi crops	https://teacher.pinnaclelearning.in/book?bookid=87&userRole=teacher&isbn=9789358937480&activeTab=assets	Germination activity	Make a 3D model showing steps: ploughing, sowing, irrigation, harvesting. Use clay, cardboard, or eco-friendly materials.	Engage: Ask students about farming in their area Explain: Steps of crop production with flowchart Activity: Identify tools (plough, hoe, tractor)	https://teacher.pinnaclelearning.in/book?bookid=87&userRole=teacher&isbn=9789358937480&activeTab=openBook		
			Week 2		Preparation of the soil	Text book, Diagrams of agricultural tools (plough, hoe, seed drill).							
			Week 3		Seed selection and sowing	Text book, Posters showing steps of crop production							
			Week 4		Addition of manure or fertiliser	Text book, Flashcards of weeds, fertilizers, irrigation methods							
			Week 5		Irrigation	Text book, Pictures of crops like wheat, rice, maize							
2	JUNE	20	Week 1	Ch.1 Crop production and management			https://teacher.pinnaclelearning.in/book?bookid=87&userRole=teacher&isbn=9789358937480&activeTab=assets						
			Week 2		PT-1	Revision							
			Week 3		PT-1	Revision							
			Week 4			Protection of crops							Text book, Educational videos explaining farming methods
			Week 5		2	Harvesting							Text book, Animations of irrigation and harvesting
3	JULY	27	Week 1	Ch.1 Crop production and management	Storage	Text book, Powerpoint presentations	https://teacher.pinnaclelearning.in/book?bookid=87&userRole=teacher&isbn=9789358937480&activeTab=assets				https://teacher.pinnaclelearning.in/book?bookid=87&userRole=teacher&isbn=9789358937480&activeTab=openBook	Sequence-based questions (steps of farming) , Identify tools and uses	
			Week 2			Animal husbandry							Text book, Smart board lessons
			Week 3			Ch.2 Microorganisms: Friend and foe							Text book, Concept maps of friendly vs harmful microorganisms
			Week 4		6	Discovery of microorganisms							
			Week 5		5	Pre Mid Term							Revision
4	AUGUST	24	Week 1	Ch.2 Microorganisms: Friend and foe	Classification of microorganisms	Text book, Charts showing types of microorganisms: Bacteria, Fungi, Protozoa, Algae, Viruses	https://teacher.pinnaclelearning.in/book?bookid=87&userRole=teacher&isbn=9789358937480&activeTab=assets	Bread mould activity (fungal growth)			https://teacher.pinnaclelearning.in/book?bookid=87&userRole=teacher&isbn=9789358937480&activeTab=openBook		
			Week 2		Microorganisms and food production	Text book, Diagrams of useful microbes like Lactobacillus							
			Week 3		Microorganisms and food spoilage	Text book, Educational videos explaining microorganisms							
			Week 4		Microorganisms and diseases	Text book, Animations showing how bacteria multiply							
			Week 5		5+1	Microorganisms and medicines							Text book, Posters showing the uses of microorganisms in food, medicine, and agriculture.

