

**Chapter wise Plan
Chapter Thirteen
Environment of Life**

Name : *Date* :
Class : X *Subject* : *Biology*

Reading & Drawing Topics			
Three Times Reading Topics		One Time Reading Topics	
Allocated Time:		Allocated Time:	
<ul style="list-style-type: none"> ➤ Components of an ecosystem https://youtu.be/NeK5-mJhWeg https://youtu.be/5um-c33UiNY ➤ Ecosystem of pond https://youtu.be/KAuf-oBNvOU https://youtu.be/znUD6HIGZwY ➤ Food chain ➤ Food web https://youtu.be/brF0RWJyx9w ➤ Energy flow in ecosystem https://youtu.be/Nsh1zLZg6No https://youtu.be/9x_4GiFW98A ➤ Mutualism ➤ Commensalism https://youtu.be/GXTLvCrFI2o https://youtu.be/zTGcS7vJqbs ➤ Antibiosis 		<ul style="list-style-type: none"> ➤ Nutrition flow in ecosystem https://youtu.be/TitrRpMUt0I ➤ Biodiversity https://youtu.be/7cEO1A28so4 ➤ Types of biodiversity https://youtu.be/_bk2nnDI68g https://youtu.be/L-XdX20BjEk ➤ Exploitation ➤ Competition 	
Drawing Topics			
Allocated Time:			
<ul style="list-style-type: none"> ➤ A pond ecosystem ➤ A food web ➤ Brief chart of the flow of nutrition and energy ➤ Energy pyramid 			
Solving of Questions			
a) Cognitive questions	b) Analytical questions	c) Application based questions	d) Higher ability based questions
Allocated Time:	Allocated Time:	Allocated Time:	Allocated Time:
<ol style="list-style-type: none"> 1) What is ecosystem? 2) What is humus? 3) What is producer? 4) What is plankton? 5) What is phytoplankton? 	<ol style="list-style-type: none"> 1) What do you mean by decomposers? 2) Why is plant autotrophic? 3) Why is deer heterotrophic? 4) Write down the difference 	<ol style="list-style-type: none"> 1) Explain a pond ecosystem. 2) Man → Mosquito → Dengue virus. What type of food chain is this? Explain. 3) Dead body → Fungi → 	<ol style="list-style-type: none"> 1) Producer plays main role in the ecosystem.—Analyze. 2) Analyze the consequences of the extinction of one trophic level from a food chain.

<p>6) What is zooplankton? 7) What is consumer? 8) What is transformer of an ecosystem? 9) What is food chain? 10) What is food web? 11) What is biodiversity? 12) What is interaction? 13) What is symbiosis? 14) What is symbiont? 15) What is lichen?</p>	<p>between food chain and food web. 5) What do you mean by energy pyramid? 6) What do you mean by genetic diversity? 7) What do you mean by mutualism? 8) What do you mean by commensalism? 9) What do you mean by antibiosis?</p>	<p>Earthworm. What type of food chain is this? Explain. 4) Explain the flow of nutrition of an ecosystem. 5) Explain the flow of energy in a pond ecosystem. 6) What type of interaction is in between a bird and a fruit? Explain. 7) What type of interaction is in between a creeper and a big tree? Explain. 8) What type of interaction is in between a cuckoo and a crow? Explain.</p>	<p>3) Energy flow in an ecosystem is linear but nutrition flow in an ecosystem is circular.—Analyze. 4) The balance of number of organisms is maintained automatically in an ecosystem.—Analyze. 5) Parasitic food chain is an incomplete food chain.—Analyze. 6) "For keeping the balance of environment decomposer is essential."—Analyze the statement. 7) Analyze the impacts of the reactions caused by the green house effect.</p>
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