Cosmo School

Chapter wise Revision Plan

Chapter Four

Reproduction in Plants

Name : .....*Date :* .....

Class : VIII *Subject : Science*

Reading & Drawing Topics		
Three Times Reading Topics	**One Time Reading Topics**	**Drawing Topics**
Allocated Time:	**Allocated Time:**	**Allocated Time:**
➢ Formation of spores https://youtu.be/MnFqax4SkME ➢ Tuber ➢ Rhizome ➢ Different parts of a flower ➢ Pollination https://youtu.be/CYuNY21dY3E ➢ Fertilization https://youtu.be/dgFY7WUTASQ ➢ Germination https://youtu.be/1RiKqFrJsVU https://youtu.be/WthhpJDxAgk https://youtu.be/w77zPAtVTuI	➢ Vegetative reproduction https://youtu.be/VN_p20dDrnY ➢ Grafting https://youtu.be/_w051zyackM ➢ Cutting ➢ Agents for pollination https://youtu.be/ykXBt9uEnek ➢ Formation of fruits https://youtu.be/PidOBjeY6MI ➢ Types of fruits https://youtu.be/SkapOA_AN98 ➢ Structure of a seed	➢ Different parts of a typical flower ➢ The process of fertilization ➢ Hypogeal germination ➢ Epigeal germination

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:**
1) What is reproduction? *2)* What is asexual reproduction? *3)* What is sexual reproduction? *4)* What is sporangium? *5)* What is conidium? *6)* What is vegetative reproduction? *7)* What is bulbil? *8)* What is flower? *9)* What is calyx? *10)* What is corolla? *11)* What is androecium?	*1)* Why is asexual reproduction important? *2)* What do you mean by tuber? *3)* What do you mean by rhizome? *4)* What do you mean by grafting? *5)* What do you mean by inflorescence? *6)* Write down the difference between self pollination and cross pollination. *7)* What do you mean by adaptation	*1)* Explain how the reproduction process occurs in the potato. *2)* Explain the process of self pollination. *3)* Explain the process of cross pollination. *4)* Explain the process of fertilization. *5)* Explain how fruit is developed. *6)* Explain the process of germination.	*1)* The vegetative reproduction is same in the both potato and ginger although the method is different.—Analyze the justification of the statement. *2)* Corolla does not take part in reproduction but has a great importance in the process of reproduction.—Analyze. *3)* Androecium and gynoecium directly take part in

12) What is gynoecium? *13)* What is pollination? *14)* What is agent for pollination? *15)* What is fertilization? *16)* What is fruit? *17)* What is true fruit? *18)* What is false fruit? *19)* What is dry fruit? *20)* What is fleshy fruit? *21)* What is embryonal axis? *22)* What is nodal zone? *23)* What is epicotyle? *24)* What is hypocotyle? *25)* What is plumule? *26)* What is embryo? *27)* What is testa? *28)* What is tegmen? *29)* What is germination?	of flower? *8)* Why is mustard an insect pollinated flower? *9)* Why is shimul an animal pollinated flower? *10)* Why is mango a simple fruit? *11)* Why is custard apple an aggregate fruit? *12)* Why pineapple a multiple fruit? *13)* What do you mean by hypogeal germination? *14)* What do you mean by epigeal germination?		reproduction.—Analyze. *4)* New characters emerge through cross pollination.—Analyze. *5)* Pollination is the precondition of fertilization of flowering plant.—Analyze. *6)* "After fertilization the changed state of the ovary plays a significant role for the living world."—Analyze the statement.