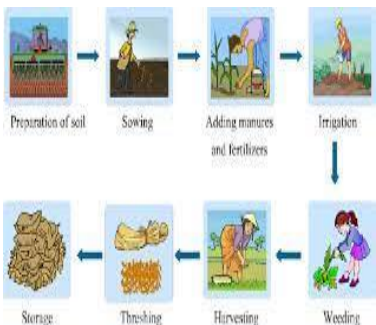
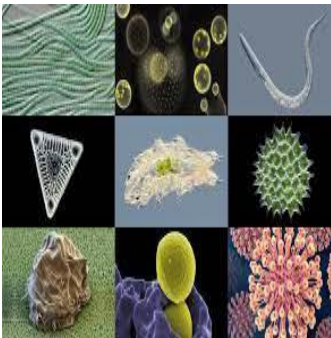

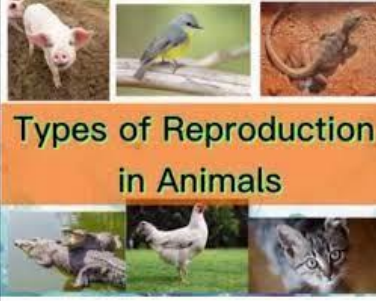


VIDYA PRATISHTHAN'S DR. CYRUS POONAWALLA SCHOOL (CBSE), BARAMATI

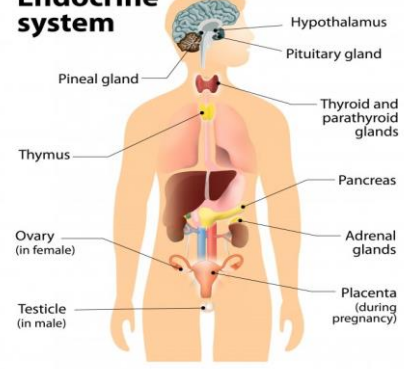
ANNUAL CURRICULUM PLANNING- 2024-25

Class – VIII (Biology)

SR. No.	Content/ Topic	Month & No.of Days	Learning Objectives	Expected Learning Outcomes	Activity/ Practical	Assessment
1.	Bridge Course	April	To revise important concepts after conducting worksheets based on syllabus of Class 7	students will be able to Explain imp. Concepts from previous syllabus		
2.	Crop Production & Management <ul style="list-style-type: none"> • Types of crops • Steps In Agriculture • Modern & Traditional Tools • Storage of Food grains 	April	To enable students to understand: <ul style="list-style-type: none"> • Types of Crops & cropping patterns • Diff. Steps followed in farming • Changes in Traditional & modern tools • Need to storage of food, Ways to store 	students will be able to: <ul style="list-style-type: none"> • Identify type of crop with its Season. • Analyse how cropping patterns are beneficial. • Understands benefits & loss of modern & Traditional tools • Understands foodgrains get spoiled due to biotic & abiotic factors 	Selection of quality seeds by Soaking in water Making of Herbarium List of traditional and modern tools	PT I Half Yearly Exam
3.	Microorganisms: Friends And Foe <ul style="list-style-type: none"> • Classification of Microorganisms • Usefulness In Daily Life • Harmful Effects • Principle of Vaccines 	June July	To enable students to understand: <ul style="list-style-type: none"> • Different types of microorganisms • How these organisms are helping us in diff ways • About their black side & how to take care • Principle of Vaccines & how they work 	students will be able to: <ul style="list-style-type: none"> • Analyse diff diseases & their causative agents. • Understands same virus/bacteria are used to make vaccines against diseases. • Understand food can be preserved by using methods like boiling, salting, , freezing, adding sugar • Draw structures of microorganisms 	To observe Permanent slides of yeast, fungus, bacteria To observe hand Section of root nodules	PT I Half Yearly Exam Second Terminal Exam

4.	<ul style="list-style-type: none"> • Conservation Of Plants & Animals • Deforestation Causes & Effects • Flora & Fauna • Conservation Of Biodiversity • Red data Book 	August	<ul style="list-style-type: none"> • To enable students to understand: • Need to conserve biodiversity • Endemic & Endangered species, • Flora & fauna of any region • Red Data Book concept • Migration of Animals 	<ul style="list-style-type: none"> • Students will be able to: • Tell- need to conserve biodiversity • Describe Endemic endangered species • Tell animals in red data book. • Discuss problems, animals facing in natural places • Discuss our role as responsible citizen to • save biodiversity 	<ul style="list-style-type: none"> • Virtual visits to sanctuaries National Parks • Films on wild life • Case study of sanctuary in our District 	<ul style="list-style-type: none"> • PT II • Second Terminal Exam
4.	Revision Half Yearly 2022	September	•	•	•	•
5.	<ul style="list-style-type: none"> • Reproduction In Animals • Types of reproduction • Male and female Reproductive System • Types of asexual reproduction • Fertilisation  <p>Types of Reproduction in Animals</p>	October November	<ul style="list-style-type: none"> • To enable students to understand: • Offsprings are produced through sexual and asexual reproduction • Male and female Reproductive System of human • Types of asexual reproduction: Binary Fission, Budding, Fragmentation spore formation • beings, fertilisation Process 	<ul style="list-style-type: none"> • Students will be able to: • Draw neat labelled diagrams of reproductive systems. Gametes & types asexual reproduction • Tell detailed process of Fertilisation, fission • Budding, Fragmentation spore formation • Thinks over Scientific things happening in organisms 	<ul style="list-style-type: none"> • Observation of Permanent slides of budding, fragmentation 	<ul style="list-style-type: none"> • PT II • Second Terminal Exam
6.	<ul style="list-style-type: none"> • Reaching The Age of Adolescence • Changes in adolescents • Endocrine system • Changes in adolescents 	December January	<ul style="list-style-type: none"> • To enable students to understand: • Terms puberty, Adolescence • Changes in adolescents development of primary & Secondary characters • Diff. Endocrine gland & their role in our growth 	<ul style="list-style-type: none"> • Students will be able to: • Explain terms puberty, Adolescence • Understand why there are Change seen s in adolescents • Can cope up with the physical & mental changes • Explain diff. Endocrine gland & their role in our growth 	<ul style="list-style-type: none"> • Films for Adolescence • Discussion on gender issues 	<ul style="list-style-type: none"> • Second Terminal Exam

Endocrine system



- Believe in scientific facts only
- Tell only father is responsible for gender of child

7.

Revision Second Terminal 2023

February
March