



DRAVID OPEN SECONDARY AND HIGHER SECONDARY EDUCATION COUNCIL

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SYLLABUS BIOLOGY

CLASS 12 BIOLOGY SYLLABUS

Unit 1: Reproduction

1. Reproduction in Organisms
2. Sexual Reproduction in Flowering Plants
3. Human Reproduction
4. Reproductive Health

Unit 2: Genetics and Evolution

5. Principles of Inheritance and Variation
6. Molecular Basis of Inheritance
7. Evolution

Unit 3: Biology and Human Welfare

8. Human Health and Disease
9. Strategies for Enhancement in Food Production
10. Microbes in Human Welfare

Unit 4: Biotechnology and Its Applications

11. Biotechnology – Principles and Processes
12. Biotechnology and Its Applications

Unit 5: Ecology and Environment

13. Organisms and Populations
14. Ecosystem
15. Biodiversity and Conservation
16. Environmental Issues

