

## 6.13 CURRICULUM INTEGRATION – GRADE 12 / SENIOR 4

### SCIENCE

General Learning Outcome B – Science, Technology, Society, and the Environment (STSE)

SLO B1 Describe scientific and technological developments, past and present, and appreciate their impact on individuals, societies, and the environment, both locally and globally.

SLO B3 Identify the factors that affect health and explain the relationships of personal habits, lifestyle choices, and human health, both individual and social.

SLO B5 Identify and demonstrate actions that promote a sustainable environment, society, and economy, both locally and globally.

General Learning Outcome C – Scientific and Technological Skills and Attitudes

SLO C4 Demonstrate appropriate critical thinking and decision-making skills and attitudes when choosing a course of action based on scientific and technological information

General Learning Outcome E – Unifying Concepts

SLO E2 Describe and appreciate how the natural and constructed world is made up of systems and how interactions take place within and among these systems.

### BIOLOGY

Unit 5 – Conservation of Biodiversity

B12-0-P4 Recognize that humans have had and continue to have an impact on the environment. (GLOs: B1, B2)

- B12-0-D1 Identify and explore a current issue. (GLOs: C4, C8) *Examples: clarify the issue, identify different viewpoints and/or stakeholders, research existing data/information . . .*
- B12-0-D2 Evaluate implications of possible alternatives or positions related to an issue. (GLOs: B1, C4, C5, C6, C7) *Examples: positive and negative consequences of a decision, strengths and weaknesses of a position, ethical dilemmas . . .*
- B12-0-D3 Recognize that decisions reflect values, and consider own and others' values when making a decision. (GLOs: C4, C5)
- B12-0-D4 Recommend an alternative or identify a position, and provide justification for it. (GLO:C4)
- B12-0-D5 Propose a course of action related to an issue. (GLOs: C4, C5, C8)
- B12-0-I4 Communicate information in a variety of forms appropriate to the audience, purpose, and context. (GLOs: C5, C6)
- B12-0-G1 Collaborate with others to achieve group goals and responsibilities. (GLOs: C2, C4, C7)
- B12-0-G2 Elicit, clarify, and respond to questions, ideas, and diverse points of view in discussions. (GLOs: C2, C4, C7)