



## Grade 12 Science

### *Grade 12 Biology A Foundation for Implementation 2011*

#### Student Learning Outcomes & Unit Skills and Attitude Outcomes Related to Sustainable Development

#### Part 1: Genetics

##### Unit 1: Understanding Biological Inheritance

B12-0-S2: Demonstrate work habits that ensure personal safety, the safety of others, and consideration of the environment. (GLOs: B3, B5, C1, C2)

##### Unit 2: Mechanisms of Inheritance

B12-0-S2: Demonstrate work habits that ensure personal safety, the safety of others, and consideration of the environment. (GLOs: B3, B5, C1, C2)

#### Part 2: Biodiversity

##### Unit 3: Evolutionary Theory of biodiversity

B12-0-S2: Demonstrate work habits that ensure personal safety, the safety of others, and consideration of the environment. (GLOs: B3, B5, C1, C2)

B12-0-P3: Recognize the importance of maintaining biodiversity and the role that individuals can play in this endeavour. (GLO: B5)

##### Unit 4: Organizing Biodiversity

B12-0-S2: Demonstrate work habits that ensure personal safety, the safety of others, and consideration of the environment. (GLOs: B3, B5, C1, C2)

##### Unit 5 Conservation of Biodiversity

B12-0-S2: Demonstrate work habits that ensure personal safety, the safety of others, and consideration of the environment. (GLOs: B3, B5, C1, C2)

B12-0-P3: Recognize the importance of maintaining biodiversity and the role that individuals can play in this endeavour. (GLO: B5)

B12-5-01: Discuss a variety of reasons for maintaining biodiversity.

(GLOs: B2, B5, D2)

Include: maintaining a diverse gene pool, economic value, and sustainability of an ecosystem

B12-5-02: Describe strategies used to conserve biodiversity.

(GLOs: B2, B5, D2)

*Examples: habitat preservation, wildlife corridors, species preservation programs, public education*

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