

Weekly assessment



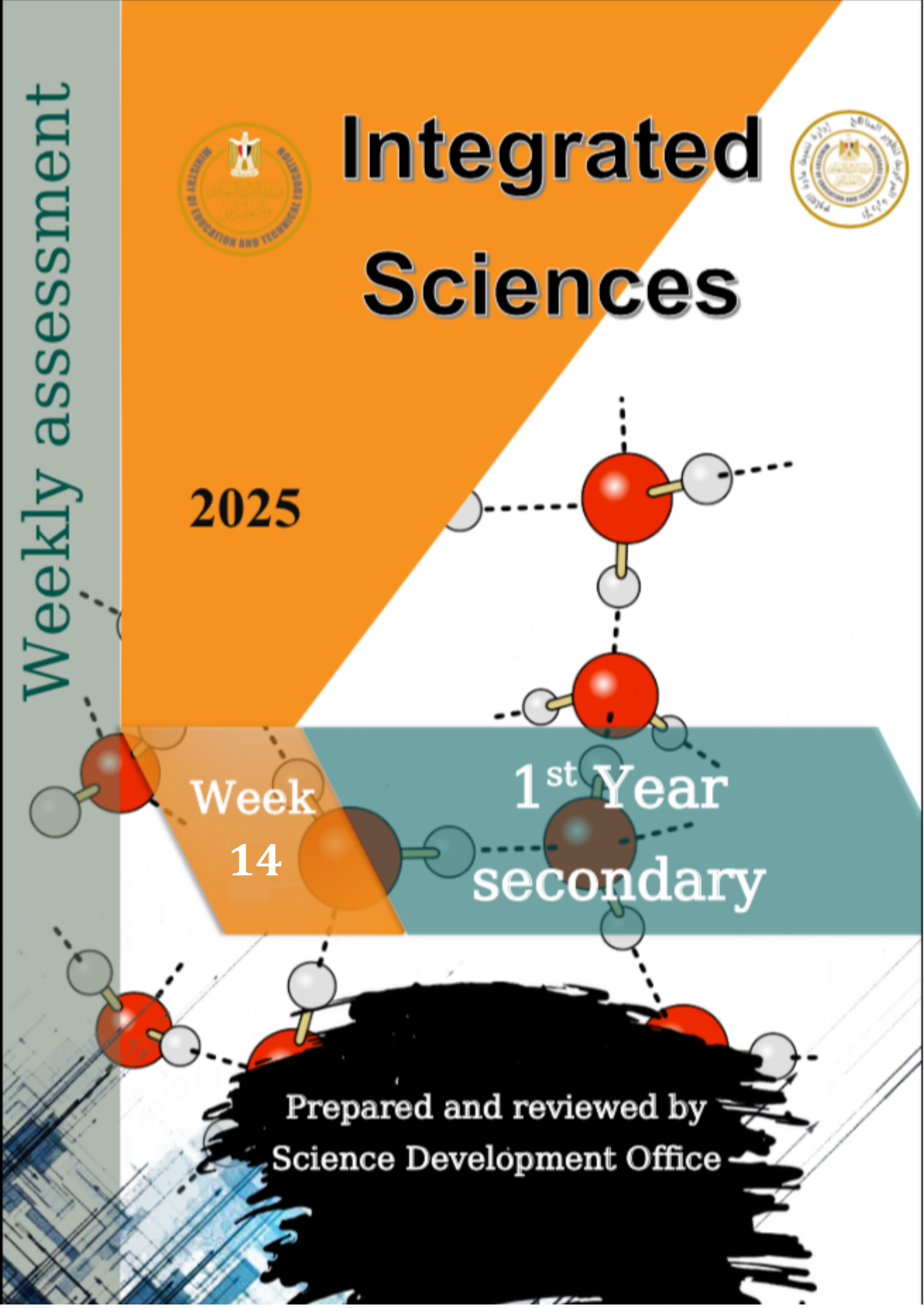
Integrated Sciences

2025

Week 14

1st Year secondary

Prepared and reviewed by
Science Development Office



Ch 4: The role of science in environmental sustainability

Lesson (3) : Biodiversity and species protection

Week (14) Assessment

Q1: Choose the correct answer

1) What is meant by genetic diversity?

- (A) Differences in colors between plants**
- (B) Genetic differences between individuals within a species**
- (C) The number of species in a given area**
- (D) Differences in species between different environments**

2) How does biodiversity contribute to improving soil quality?

- (A) By increasing precipitation**
- (B) By decomposing organic matter and recycling nutrients**
- (C) Through rapid climate change**
- (D) By absorbing carbon dioxide only**

3) What is the effect of deforestation on biodiversity?

- (A) leads to an increase in the number of species**
- (B) increases the natural fertility of the soil**
- (C) causes habitat loss and threatens species survival**
- (D) leads to decrease carbon dioxide in atmospheric**

4) How does biodiversity contribute to climate regulation?

- (A) By reducing genetic diversity**
- (B) By absorbing carbon dioxide by plants**
- (C) By reducing diversity between species**
- (D) By directly reducing the Earth's temperature**

Q2: Explain the importance of biodiversity in supporting life and sustaining ecosystems. Provide illustrative examples.

Q3: How do environmental changes, such as climate change and pollution, affect different species? Discuss examples.

Q4: What are the strategies used to protect endangered species? How can they be applied in our daily lives?