



# Biology Toolkit: Indicator 1.7.6

Student Handout: Biology: Indicator 1.7.6

## Goal 1.0 Skills And Processes

Expectation 1.7 The student will show that connections exist both within the various fields of science and among science and other disciplines including mathematics, social studies, language arts, fine arts, and technology.

Indicator 1.7.6 The student will explain how development of scientific knowledge leads to the creation of new technology and how technological advances allow for additional scientific accomplishments.

## Public Release - Selected Response Item - Released in 2004

Biology Indicator 1.7.6

Four important scientific discoveries are listed below.

1. Some animals can regrow their limbs.
2. All plant and animal tissues are made up of cells.
3. Dominant and recessive traits are passed from parents to offspring.
4. Chromosomes replicate during cell division.

Which two discoveries required the use of a microscope?

- A. 1 and 2
- B. 2 and 4
- C. 1 and 3
- D. 3 and 4

Correct Answer

- B. 2 and 4

## Item

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