

Biology Toolkit: Indicator 3.3.1

Student Handout: Biology: Indicator 3.3.1

Goal 3.0 Concepts Of Biology

Expectation 3.3 The student will analyze how traits are inherited and passed on from one generation to another.

Indicator 3.3.1 The student will demonstrate that the sorting and recombination of genes during sexual reproduction has an effect on variation in offspring.

Assessment Limits:

meiosis (process that forms gametes; chromosome number reduced by one-half; crossing-over occurs; new gene combinations)

fertilization (combination of gametes to form zygote)

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Biology Indicator 3.3.1

What process produces male and female reproductive cells in plants?

- A. mitosis
- B. meiosis
- C. replication
- D. fertilization

Correct Answer

- B. meiosis

Item

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