Introduction

Lab Options

This course includes the option of hands-on or dry lab activities.

- Dry labs have no required materials.
- Hands-on labs require the materials listed below. The majority of these materials are either household items or items that are inexpensive and are readily available from a store or online retailer.

Lab Manual

- Each lab contains complete instructions – there is no lab manual for this course. It is strongly recommended that students keep a detailed notebook of their work.

See the Course Materials List for how to acquire the lab manual for this course.

Disclaimer

Edmentum® has no liability whatsoever regarding any hands-on laboratory activities. The personnel at the school at which the student conducts the hands-on lab activities, or the student's parent or guardian if the lab activities are completed at home, are responsible for all such hands-on lab activities, including ensuring that qualified personnel are available to supervise the activities.

Questions

Contact Edmentum Support by phone at 1-800-453-1454 or by email at support@edmentum.com.

Hands-On Lab Materials

Modeling Protein Synthesis

Semester 2: 2.1.3

- Sticky-note tabs, 5 colors
- 3 strips of paper, ribbon, or string, each about 2 cm x 60 cm
- Tape
- String or yarn
- 16 paper circles, about 2 cm in diameter
- 10 clay balls, about 4 cm in diameter
- Paper
- Pencil, pen, or marker

Modeling Genetic Drift and Gene Flow

Semester 2: 3.3.1

- 50 each of two colors of small objects that are similar in size and shape, such as two colors of large beads, green and tan uncooked pasta, or dry black beans and pinto beans
- 2 containers large enough to fit 100 of the above objects such as a paper bag, box, cup, or bowl