

Tuesday, January 28, 2014

Unit: Genetics

Lesson 9

Big Ideas

Genetic information is passed from parent to offspring.

Living things change over time: Evolution

Living things are alike yet different

Objectives

1. Students will be able to use their knowledge about life and classification to complete a review activity.
2. Students will be able to complete the following objectives (taken from I Can Statements)
 1. Students will be able to list the 6 characteristics of living things.
 2. Students will be able to explain where living things come from.
 3. Students will be able to identify what living things need to survive.
 4. Students will be able to explain why biologists classify organisms.
 5. Students will be able to explain the process scientists use to assign scientific names.
 6. Students will be able to describe the organization of the levels of classification.
 7. Students will be able to create and use a taxonomic key.
 8. Students will be able to explain how organisms are classified into domains and kingdoms.
 9. Students will be able to explain the relationship between evolution and classification.

Materials

Science Notebook

Science Book

Fast Match Envelopes

Review Sheets

Procedures/Strategy

1. Students will enter the room and add the I can statements to their notebooks. The teacher will then explain the objectives for the day from the I can statements. (Engage)

- Today is a review day for the exam tomorrow.
- 2. Students will be directed to the three activities around the classroom (Fast Match, Chapter Review, and the Worksheet). Students will be instructed that they have the class period to review for the test on Wednesday. Students can self select the activities, however, they must finish all three. (Explain, Explore, Elaborate)
 - Be certain to identify what materials students have to study for exam
 - Lab station work
 - Output #2
 - The I can statements
 - Output #3
 - Textbook
 - Vocabulary

Content Vocabulary

See Chapter Vocabulary List

Evaluation

1. Formative
 - Notebook checks
 - Student questions
2. Summative
 - Test Tomorrow January 29th, 2014

Extensions/Next Steps

- Students allowed a re-test to exhibit mastery over the material
- Next Lesson: Moving on to Chapter 4
- Homework: Chapter 7 Test Tomorrow!!