

Friday, February 7, 2013

Unit: Genetics

Lesson 16

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 model evolution through natural selection in a large group activity.
2. Students will understand and be able to explain that adaptations allow some species to survive and reproduce at different rates.

Materials

Science Notebooks

Science Books

Candy

Spoons

Tape

Blindfolds

Chopsticks

Procedures/Strategy

1. Students will enter the classroom and take down the I can statements. Teacher will then prepare the students for the lab activity.
 - Review adaptations
 - Review natural selection
2. Students transition to LGI for activity (Explain, Explore, Elaborate)
3. Evaluate: Students will answer review question in their lab notebooks as follow up to the activity.
 - How did this activity model evolution by natural selection?

Content Vocabulary

Evolution

Natural Selection

Species

Evaluation

1. Formative

Responses to question

2. Summative

Quiz Tuesday Feb. 11th

Extensions/Next Steps

- Review day will hopefully clarify any information the students need to see again. Especially follow up on list of trouble topics from Thursday feed back.
- Next Lesson: Review day
- Homework: Chapter review page