

Friday, January 24, 2014

Unit: Genetics

Lesson 8

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 describe how branching diagrams and evolution are related in a reflection in their science notebook.

Materials

Science Notebooks

Science Books

Dichotomous Keys

Jelly Beans

Procedures/Strategy

1. Students will enter the classroom and add the I can statement to their notebook. Teacher will address the class going over the objective for the day, the I can statement.
2. Activation of prior knowledge (Engage): Check In
 - How did the stations go?
 - Does anyone have any questions?
 - Think/Pair/ Share: What are the MVP's from the stations
 - Reiterate vocabulary here and missed points (Explain)
3. Students complete a dichotomous key activity using jelly beans to follow the key (Explore)
4. Students reflect in their science notebook in a free-write to explain how branching trees relate to evolution (Elaborate)

Content Vocabulary

Branching Tree Diagram

Evolution

Evaluation

1. Formative

Think/Pair/Share of MVP's

Notebook check-ins

Individual checks while completing dichotomous keys on jelly beans

2. Summative

Test Next Week: Wednesday, January 29, 2014

Extensions/Next Steps

- Final review before test, station activity
- Next Lesson: Review and Test
- Homework: Study for text, complete jelly bean activity write-up.