

Monday, February 3, 2014

Unit: Genetics

Lesson 12

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 Charles Darwin made observations to develop his hypothesis of evolution.
2. Students will be able to understand that evolution by natural selection is at the foundation of biological science.
3. Students will be able to use content vocabulary to understand text.

Materials

Science Notebook

Science Book

I can statements

3 x 5 Station activities

3 iPads

Procedures/Strategy

1. Continue from Friday Lesson: Finish stations
2. Activation of prior knowledge: Debrief from stations (Engage)
 - Who was Charles Darwin?
 - What did he observe?
 - What was his hypothesis?
 - How did it become a theory?
3. Jigsaw the reading 292-295 (Explore, Explain, Elaborate)
 - Create organizer in your science notebook to document

Content Vocabulary

Species

Evolution

Variation

Fossil

Scientific Theory

Adaptation

Natural Selection

Evaluation

1. Formative

Entrance slip next class

2. Summative

Extensions/Next Steps

- Identify where misconceptions are occurring from entrance slips and address them as a class. Provide students with the DARWIN graphic organizer.
- Next Lesson: Natural Selection
- Homework: Text boxes and vocabulary due Friday.