

## Tuesday, January 20, 2014 - Thursday, January 22, 2014

Unit: Genetics

Lesson 6-8

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### Big Ideas

Genetic information is passed from parent to offspring.

Living things change over time: Evolution

Living things are alike yet different

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### Objectives

1. Students will be able to use comprehension skills to read and reflect on a scientific article.

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### Materials

Science Notebooks

Printed Articles

Questions for Articles

Smiley Faces Dichotomous Key

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### Procedures/Strategy

1. Students will enter the classroom and add the I can statement to their notebook. The teacher will then explain the protocol for the stations
  - Class divided into thirds
    - Send 2/3 to other classrooms for other stations.
    - Rotate through one station a day.
2. Activation of prior knowledge (Engage): Thoughtful questions
  - Why do we classify life?
  - What can classification and organization show us?
    - Family tree metaphor
3. Set up two articles (Explain).
  - Students self-select the article best for them after teacher explanation.
  - Students complete question in the Science Notebooks.
4. Post-It Note Protocol

- Students write down important details/facts/MVP's on their post-it notes and compile them on the table in their section.
- Students organize the post-its without talking into main ideas and take aways from the articles.

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## Content Vocabulary

Taxonomy

Classification

Evolution

Biodiversity

Domestication

Ancestry

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## Evaluation

### 1. Formative

Student reflections in science notebooks through notebook checks.

Post-it note protocol

### 2. Summative

Test Next Week: Wednesday January 29, 2014

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## Extensions/Next Steps

- Discussion after Post-it note activity, full class review next week. Check in with full class on Friday after stations are complete.
- Next Lesson: Branching Tree Diagram
- Homework: Complete station work. Begin studying for test on Wednesday, January 29, 2014.