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#KABT2014

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Communicating Science

Scientists convey information in three ways:

- Language/Grammar
- Mathematics
- Demonstration/Experimentation

How do we get students to speak “Science”?

- A. Multiple Choice Questions
- B. Fill-in-the-Blank Questions
- C. True/False Questions (If false, correct the statement)
- D. All of the Above
- E. None of the Above

Formative Assessment

- RallyRobin/RallyTable
- Class Quizzes

Authentic Assessment

- Open-Inquiry research projects

Grasshopper Diversity on the RAD Prairie
Tara [redacted] Middleburg, Indiana

Objectives: Grasshoppers have been going extinct for years, how do we know the grasshopper population is the second most important insect in the world? This is a question that has been asked for a long time. Creating an inquiry-based learning experience for students to investigate the grasshopper population in the RAD prairie at Junction City High School is the goal of this project. The project was designed to be a formative assessment for the students. The project was designed to be a formative assessment for the students. The project was designed to be a formative assessment for the students.

Methods: The project was designed to be a formative assessment for the students. The project was designed to be a formative assessment for the students. The project was designed to be a formative assessment for the students.

How diverse is the grasshopper population at Junction City High?

Species	Percentage
Different	40%
2-Banded Grasshopper	10%
Large Field Grasshopper	10%
Red-winged Grasshopper	10%
Spotted Grasshopper	10%
Green Grasshopper	10%

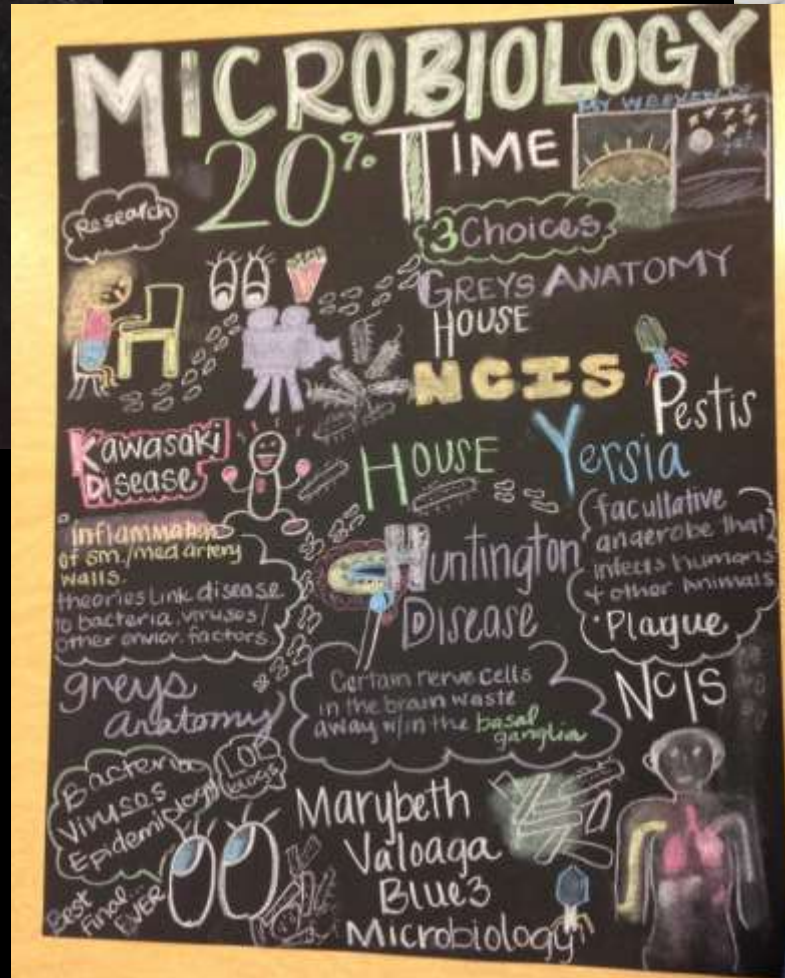
Results

Conclusions/Summary:

Acknowledgements:



20% Time Project



Single Question Group Exam

- Based on an experiment in game theory by UCLA professor Peter Nonacs
- Exam must be:
 - Open-ended
 - Difficult (almost impossibly so)
 - Free of most normal test restrictions



REFLECTION/HIVEMIND TIME:

What questions do we have?

What have you tried with your students that worked? Or didn't...

Are there any collaboration opportunities available?

Did you get what you expected/wanted from this session?