“How to Teach BSAA” PowerPoint

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HOW TO
TEACH BSAA

Kristin Myers
Syllabus

Class is broken down into two semesters

• Semester 1 - PLANTS (Great for GH)
• Semester 2 - ANIMALS

Give your students ownership in the class!
Format for the class

- Hand out “Agriculture Applications Page”

- Teach “Science Connection Questions”
  (use a variety of teaching methods to do this)

- Conduct a Lab
  (feel free to tweak labs to make them work for you. Some labs I copy from the BSAA CD/MyCAERT while others I find online or develop)

- Find results and develop a lab report

- Incorporate quizzes and tests into your labs! Make this class a challenge!

- Have students design their own experiments (plant/animal semester projects)
Lab Reports

BSAA LABORATORY REPORT GRADING SHEET - 75 POINTS

• Title Page
• Introduction
• Review of Literature
• Research Problem
• Materials
• Procedures
• Findings
• Conclusion
• Supplementary Info
Keeping Organized/Time Management

- Teach your students to stay organized (Three ring binder with tabs) (Notebook for data!)

- Be prepared to start a new lesson/lab before getting results from the past lab. This keeps your class rigorous. Don’t wait to educate😊
Conduct Example Lab:

Observing the Water Cycle in a Terrarium
Conduct Example Lab:

- Interest Approach  Water Cycle Rap
- Lab
- Lecture (group activity)
- Quiz/Test
- Lab Report
Conduct Example Lab:

Wind Your Way Around Your Own DNA
Conduct Example Lab:

- Interest Approach  *Jurassic Park*

- Lecture (ppt)

- Lab

- Quiz/Test

- Lab Report
QUESTIONS?