Current Events Friday

Ô٢

How to use the newspaper in a class without a trip to Curriculum Committee

Kira Hamman Penn State Mont Alto

The Class

Mathematics 017 – Finite Mathematics Introduction to logic, sets, probability.

2

The Class, Really

Quantitative Literacy

- Visual presentation of information
- Modeling with different kinds of functions
- Financial mathematics
- Deductive reasoning in real life
- Statistics in real life
- Voting and apportionment

3

Current Events Friday

- Every day, each student picks up copies of at least two different newspapers.
- Students read the newspapers (really!) and find articles that relate to the mathematics in the course.
- Each week they select at least three articles to include in an annotated bibliography that they hand in for a grade.

4

Current Events Friday

Bibliographies are graded on:

- Format must be MLA, APA, or another commonly accepted format
- Relevance how relevant the articles are to the course material
- Writeup writing quality and style as well as quality of analysis.

BUT THAT'S NOT ALL!

c

Current Events Friday, Part II

Every Friday, one student is assigned to lead a class discussion on that week's articles. This student must:

- Come prepared with at least five (not three) articles,
- Understand the articles well enough to field questions from the class, and
- Have discussion questions ready to lead a class discussion on the articles.

6

What I (the instructor) give up:

- Class time
- Control

What I (the instructor) gain:

- Student buy-in
- Class relevance
- · Lively discussion
- Great class rapport
- A way to incorporate current events into an existing class structure

What they (the students) lose:

What they (the students) gain:

• All the same things as me

10

The Class, Really

Quantitative Literacy

- Visual presentation of information
- Modeling with different kinds of functions
- Financial mathematics
- Deductive reasoning in real life
- Statistics in real life
- Voting and apportionment

Topics from Spring 2010

- Airline security
- Legalization of marijuana
- Nielsen ratings
- The Endangered Species Act
- Student loan legislation
- The census
- Teen pregnancy
- The economic stimulus package
- Avatar
- Many, many more

12

The Point(s):

You can do this in any QL class.

You don't need a special curriculum, or special permission.

It's not hard.

The Point(s):

It's fun!

13