

Unit Plan Components

1. Rationale

Why should students learn this material?

Why should you teach with these methods/materials?

Align your unit with NCTM standards or best practices in math teaching

2. Goals (required) & Objectives (optional)

Identify knowledge, skills, and abilities you expect your students to learn

Goals can be vague statements of what you expect from your students at the end of your lesson

3. Materials

Create a list of any *special* materials you need to teach your unit

If you are only using standard materials (textbook), you can skip this

4. Assessment

How will you assess student learning throughout and at the end of your unit?

What assessment instruments will you use?

What criteria do you have to determine if students are successful?

Lesson Plan Components

1. Topic & Standards Addressed

2. Objectives (intended outcomes)

Clear, meaningful, and measurable statements of student performance

What specific behaviors do you want to witness from your students

3. Materials

Create a list of any *special* materials you need to teach your unit

You might want to list standard materials as well (textbook, calculator, etc.)

4. Activities / Plan

a. Introduction

b. Develop skill

c. Effective questions & guided practice

d. Summary

e. Practice

f. Assessment

5. Extensions

Online Lesson Plan Resources

<http://illuminations.nctm.org/>

http://mathforum.org/library/resource_types/lesson_plans/

<http://math.rice.edu/~lanius/Lessons/index.html>

<http://www.pbs.org/teachersource/math.htm>

<http://www.dansmath.com/probofkw/probofkw.html>