

TED 324 Communication in a concept lesson plan assignment

Part 1: The lesson plan

Each of your lesson plans that are written with these guidelines should include:

Introductory information: (8 pts)

Your name

Your cooperating teacher's name

The math content addressed in the lesson, including a quoted item from the Wisconsin Mathematics Standards

Background knowledge you are expecting children to have

Materials needed

A narrative of the lesson, including: (24 pts)

How you will introduce the lesson, including specific information on what you will say.

How you will model what students will do in the lesson.

How you will use a technology tool to help you explain, demonstrate, or model as you get students ready for the main part of the lesson

What students will do in the lesson: Keep in mind that what students do must satisfy:

- students must be actively investigating or discovering something mathematical
- students must be interacting and working together in some way

How students will discuss and share what they learned in the lesson. This will probably also be the conclusion of the lesson.

A set of prepared questions and responses you have prepared to use during the lesson. This must include: (8 pts)

- several questions that you can ask to help students direct their thinking toward the math ideas they should be investigating in the lesson
- several strategies to help students more effectively work together

Part 2: A short essay explaining how this lesson plan would demonstrate that you understand and meet the goals of teacher standard

6. Your essay should include: (10 pts)

- How you communicate the math concepts in the lesson
- How you communicate the specific tasks students must do in the lesson
- How your communication supports students as they investigate a math idea (your planned questions to use should be relevant here)
- How your communication encourages positive interactions and collaboration between students

- Where and how you use non-verbal tools to clarify your verbal instructions, questions and explanations
- Where and how you use technology tools to enhance how you communicate important information in the lesson (this may be the same as the previous bullet, eg: a visual communication tool I will use in this lesson is the SMART Board).

Your final lesson revision must also include:

Supporting information: (10 pts)

- Worksheets or recording sheets students will use
- Worked solutions for student recording sheets showing a variety of anticipated student responses
- A SMART Notebook file to use in teaching the lesson (required only for the final revision)

Practice Teaching:

You will be practice-teaching part of your lesson via video. You will choose a 10-minute segment of your lesson where you would be using the SMART Board or other technology tool to supplement your teaching; you will arrange to meet with a classmate, friend, etc, and you will use Screencast-o-matic or SMART recorder to make a video of yourself teaching that segment of your lesson to someone (your voice, probably your friend's voice, and what you do onscreen in SMART Notebook is what will be recorded). (8 points)

You will be sharing the investigation part of your lesson to a small group of your classmates in class Mar 27. (8 points)

Reflection: (10 pts)

Within a week of teaching your lesson in your field experience placement, you should write and submit a reflection on the teaching experience. Your reflection should include:

- A general overview of how your lesson went
- Something that went well in the lesson
- One place where your communication strategies worked well
- Something you would change if you taught the same lesson again (perhaps, something you would clarify or ask students)
- How the technology tool you used helped or affected your lesson