

Lesson Plan

Name: Meagan Wentworth

Course Title: Geometry

Date: October 31, 2018

Content Standards Covered by Activity:

Students are able to write proofs when given a statement

Students are able to think logically when writing proofs

Students are able to understand postulates, theorems, definitions, and properties

Essential or Driving Question(s):

Do you know how to think logically?

Can you fill out the reasons of a proof, when given the statements?

Do you know the properties, theorems, postulates, and definitions and what it looks like in a proof?

Are you able to problem solve when stuck?

Launch (This is the transition into the lesson meant to engage and hook students interest):

We will go over the past homework assignment (worksheet) and answer any questions. I will assign the review worksheet and allow them time to work.

Explore (This is the active learning portion of the lesson – what will students be doing to **actively** engage in the lesson?):

Have the students complete a worksheet for review. They may work with their classmates to finish the review. I as the teacher, will be walking around to answer questions and make sure that students are on task and completing the worksheet as ample time is given for it to be completed in class. I will go around to each student while they are working and offer them one piece of candy because it is Halloween. They are allowed to work outside the classroom, as long as I can see them. I spent a chunk of time working one on one with a student and we talked through the proofs and multiple choice questions. When the student finished, I worked with a small group of students on their worksheet by guiding them through and keeping them on task. They did have questions and I did my best to answer them without giving them the answers.

Reflect (This is the transitioning out of and follow-up to the lesson/activity):

How will you determine what students have learned?

The students have the chance to check their answers on the answer keys posted around the room. Also, there is a test the following class period, so from that we will easily be able to see who understands and who does not.

Materials/Technology needed for the activity:

- Answer keys filled out and posted
- Worksheets
- Reference Card for Theorems, Postulates, and Definitions
- Halloween candy

Modifications Needed:

For students with education plans, a shorter or altered review worksheet may be needed. Also, extra worksheets would be nice to have on hand in case someone loses theirs. Multiple candy options should be available in case of allergies.