

Using Technology to Differentiate Instruction

Lesson Plan Outline



1. **Lesson Title:** Continents Adrift

2. **Date of Implementation:** March 26, 2007

3. **Lesson Author(s):** Bethany Justice

4. **Subject Area(s):** Science

5. **Grade Level:** 7th grade

6. **Approximate Time Needed:** 40 minutes

7. **PA Content Standard(s):**

3.5.7 Earth Science Grade 7

A. Describe Earth's features and processes.

8. **Objectives/Lesson Outcomes:**

Students will:

- Watch the movie “Continents Adrift: An introduction to Continental Drift and Plate Tectonics”.
- Complete the questions based on the information in the movie.
- Create an original letter to Alfred Wegener.

9. **Materials and Resources Required:**

A. Technology (include location and equipment):

- Computer, speakers and T.V. in classroom
- United streaming

B. Printed Materials:

- Letter to Wegener Instructions and Rubric

C. Other Supplies:

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10. **Lesson Procedures:**

- Students will watch the video on Continental Drift and Plate Tectonics (26 minutes) and take notes which they will use to help them with their letter activity.
- Students will then be given the Alfred Wegener letter assignment in which they will have to write a letter to Wegener, the father of Plate Tectonics, as though they are a scientist today. They will have to explain all of the most current developments of his theory using their notes, books or websites found on NetTrekker. This will be graded based on a rubric.

11. Modifications for Differentiated Instruction:

A. Remediation:

- Students may work in groups to complete the required letter. They will also be given several examples.
- Students will be given some class time to work on this activity.

B. Enrichment:

- Students may create a poster illustrating the changes made since 1930. This will count as bonus points.

12. Student Assessment:

- Letter graded based on rubric