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| **ELA LESSON PLANS**  **Teacher:** Barger  **UNIT:** 1 | **Reflections & Modifications** *based on student need, after lesson taught.*  Based upon Exit Ticket results, most students understand how to identify the Independent Variable. Results show 50% on Constants and Replicates. |
| **Lesson:** Intro to Scientific Method and Experimental Design | |
| **Date:**  Thursday, Sept 13 | **PA CC Standard(s):**  CC3.5.6-8.C Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks. |
| **Materials:**  Class Connect Session  PwrPt  Study Guide  NOTE: these contain what is being requested in this Lesson Plan template. | **Objective(s):** *Students will know… Students will be able to…*   * Apply the steps of the scientific method to a hypothetical experiment. * Identify the parts of the hypothetical experiment |
| **Instructional Procedures:**  **Activation:** Today’s Science Lesson is brought to you by Idaho Potatoes - Experiment title, “Mashed Potatoes”  **Review/Check in:** use of polling tools and chat throughout the lesson  **Engagement Strategies:** polling tools, chat, mic  **Closure:** Exit Ticket  **Homework:** review Study Guide  **Co-teaching Strategy:** I*ndicate the strategy and who will be completing each part of the instructional procedure.*  NOTE: My co-teacher is only in class 2 of 3 sessions. Creating lessons beyond One Teach/One Observe or One Teach/One Support will not be practical as I will need to plan two lessons to accommodate the class without a co-teacher. Currently, our schedule does not allow time for that much planning. I will lose plan time when IEP meetings begin.   * Additionally, this is the first time I’ll have the SAME co-teacher, therefore, her *content knowledge* is still growing. This means being able to move to higher levels of co-teaching models will be limited, however, we will strive to accomplish this as we move forward when possible.   One Teach/One Observe  **One Teach/One Support** - Barger/Aber-Lillion  Parallel Teaching  Alternative Teaching  Station Teaching  Team Teaching |
| **Vocabulary/Keywords:**  Scientific Method  Experimental Design  Variable  Independent Variable  Dependent Variable  Hypothesis  Constants  Control  Replicates |
| **Assessment Evidence** *Performance Task or Other Key Evidence of learning*  Polling/Chat/Mic  Exit Ticket  *What will students understand and/or be able to do?*  The steps of the Scientific Method How to identify the parts of an experiment | |
| **Resources** (*websites, books, film clips, etc.)***:** Study Guide | |
| **Students should be completing the following assignments:** Exit Ticket  Review Study Guide | |