Lesson Plan Template

# Breakthrough Denver

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| **Getting Yourself Ready** | | | | |
| **Materials**:  Speed Challenge Lab  Simpson’s Variable Worksheet | | **Your Preparation**:  Print out speed challenge lab and Simpson’s Variable Worksheet | | **Agenda (w/times)**:  Do Now(10)  Lab(30)  Homework(10) |
| **Getting Your Students Ready** | | | | |
| \***Do Now**: Read the Speed Challenge lab and write down any questions that you have about the lab  Make them write down two questions. Try to never leave anything open ended. If they could practice a skill with this too that would be great. Find what the scientists are measuring. | | | | |
| **Objective**: Practice independent and dependent variables and hypothesis  You have to find skill within this lab that students will be able to do (measuring, finding the independent variable etc). | | | **Proving behavior**:  Complete the lab successfully  What will students be able to do by the end of class? | |
| **Purpose**: To further practice independent and dependent variables and hypothesis | | | | |
| **Teaching** | | | | |
| Step 1: Go over Do Now questions | Say: Okay so what questions do you have about the lab?  See:  \*Do: Ask questions about the lab | | | |
| Step 2: Do the Lab | Say: remember the procedures for us going outside, grab materials and let’s go  See: I need more here even if you are solely doing the lab. I should see evidence that you have thought about how you will present the skill, model it, practice I and have them do it independently within the lab and how you will keep track of this.  \*Do: | | | |
| Step 3: | Say:  See:  \*Do: | | | |
| Step 4: | Say:  See:  \*Do: | | | |
| Step 5: | Say:  See:  \*Do: | | | |
| Step 6: | Say:  See:  \*Do: | | | |
| **Practice** | | | | |
| \***Structured Practice** (3-4 additional examples led by teacher with gradually quickening pace, helping students approach automaticity by manipulating time, materials, and group size) | | | | |
| Time:  Materials:  Group Size: | Example 1 | | | |
| Time:  Materials:  Group Size: | Example 2 | | | |
| Time:  Materials:  Group Size: | Example 3 | | | |
| Time:  Materials:  Group Size: | Example 4 | | | |
| \***Guided Practice** (the proving behavior of the objective monitored by the teacher) | | | | |
| Assignment: (from proving behavior)  Time: 30 minutes  Materials: Meter tape, tape, stopwatch  Group Size: ½ class | | | Criteria for Mastery:  Complete the lab successfully | |
| Independent Practice (Homework) | | | | |
| Explain Homework:  Complete the Simpson’s Variable Worksheet | | | | |
| **Closure** | | | | |
| Explain Closure:  Write down homework and get Rap sheet signed. Start homework so I can model what I want the work to look like | | | | |

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| **VIP** | | |
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