Lesson Plan Template

# Breakthrough Denver

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| **Getting Yourself Ready** | | | | |
| **Materials**:  Timer  Lab Paper Graph Paper | | **Your Preparation**:  200 yard dash | | **Agenda (w/times)**:  Do Now(5-7minutes)  Mini-Lab(45 minutes)  Closure(10 minutes) |
| **Getting Your Students Ready** | | | | |
| \***Do Now**: Go over the graphs and scales done for homework | | | | |
| **Objective**: Today students will do a mini-lab in order to practice graphing measured data  Today students will practice measuring | | | **Proving behavior**: Creating graphs with data measured | |
| **Purpose**: Graphing is an important part of representing your data | | | | |
| **Teaching** | | | | |
| Step 1:Have students measure their arm span in pairs of groups of three ` | Say: Arm span affects how fast you can run  See: Made up data of a group of people  \*Do: Measure your arm span | | | |
| Step 2: Record the arm span in a data table | Say: Record all of your answers in your data table  See: I put data in my master data table  \*Do: put data in individual data tables | | | |
| Step 3:Go outside to do the 200 yard dash | Say: In pairs when the person timing says go, students run from start to finish  See:  \*Do: Run the race | | | |
| Step 4:Compare arm span to time of finishing the dash | Say: Let’s go back to the classroom and compare our data  See:  \*Do: discuss the trends they found in the class | | | |
| 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: The mini-lab | | | Criteria for Mastery:  Create a correct line graph showing the data | |
| Independent Practice (Homework) | | | | |
| Explain Homework: | | | | |
| **Closure** | | | | |
| Explain Closure: | | | | |

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| **VIP** | | |
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