**Inquiry-Based Mathematics Lesson Format**

**TEACHER**

**Poses the Problem**

**STUDENTS**

**Define the Problem**

What is the problem about? What is it asking you to do?

**Analyze the Problem**

|  |  |
| --- | --- |
| **KNOW (K)**  What do you **KNOW** from the problem scenario or lessons that can help solve the problem? | **NEED TO KNOW (NK)**  What do you NEED TO KNOW in order to solve the problem? |

**Brainstorm Next Steps to Solve the Problem**

**Next Steps**

**Re-Analyze the Problem**

Did you solve the problem? How do you know? Does your answer make sense?