

# 3 Part Problem Solving Lesson

## **Minds On** (3-5 minutes)

- We activate our students' prior math knowledge by giving them a brief activity to prepare them for the problem (discussion topic, math game, short problem, review previous learning, short story).

## **Action** (15-20 minutes)

- Students are actively involved in solving a challenging problem that causes them to **THINK**. Students work in partners as they discuss and record their mathematical solutions.
- We circulate among the students; observing, questioning, challenging: "Does that make sense?"
- We don't give answers (We don't steal their learning).

## **Consolidation** (25-30 minutes)

Whole Class Discussion / Teacher Highlights / Independent Practice

- We facilitate students' **discussion** of solutions (bansho, congress, gallery walk).
- We **highlight** concepts to help students to see connections between solutions and strategies. We explicitly state the Learning Goal and add to the Co-constructed Success Criteria.
- Students are given an opportunity to **independently practice** their new learning.