# Integrated ELD/Mathematics Three Phase Lesson

## Lesson Opening

- Introduce Focus Question and Math Objectives
- Introduce Language Objective
- Review Conversation Norms and Skills

## Before Phase

Teacher uses guiding questions as students make sense of the problem

**BEFORE PHASE**

**DURING PHASE**

Teacher circulates to provide support as students attempt to solve the problem and explain their thinking

**AFTER PHASE**

Teacher facilitates whole-group discussion; students make connections across solutions and summarize learning

### Understand the problem enough to have an entry point for solving it

### Generate and explain multiple solution pathways

### Reflect individually and collectively on the ideas explored

## Three Reads

- Notice and Wonderings
- Pose the problem
- Students apply Constructive Conversation Skills as they clarify language to make sense of the problem using Three Reads Protocol
- Model how to think of a plan – Think Aloud

## Math Interview

- Review Language Objective
- Model Constructive Conversation
- Students apply Constructive Conversation skills as they explain/listen to others explain using Math Interview Protocol
- Collect a language sample
- Fishbowl of Math Interview
- Select solutions to be shared for the Math Summit

## Math Summit

- Ask guiding questions to support students as they present their solutions
- Students apply Constructive Conversation Skills in whole-group discussion using Math Summit Protocol
- Summarize learning

### Wrap-Up and Next Steps

- Review Focus Question
- Students self-assess
- Give feedback to students
- Introduce next topic