# Mathematics Classroom Walk-through Form

Teacher: _________________________   Course/level: ________________________
Date: ___________     Text/Lesson:_________________________

Plan which areas and/or indicators to focus on during the observation.

## CLEAR AND FOCUSED RIGOROUS INSTRUCTION
- Explicit instruction is provided, with clear goals, directions, vocabulary, modeling, and guided practice.
- Connections are made between concepts, facts, and procedures.
- Understanding is developed from the concrete to the abstract.
- Mathematical properties are generalized from patterns, other properties, and/or reasoning.
- Students analyze, synthesize, apply, or extend math knowledge.
- Students reflect on, explain, and justify answers and processes.
- Students apply math to model and solve real-world problems.
- Students build fluency and flexibility with numbers and procedures.
- Learning is monitored with frequent checks for understanding.
- Instruction is adjusted or targeted based on identified needs. All students are provided appropriate levels of challenging work.

## ACTIVE ENGAGEMENT FOCUSED ON OBJECTIVES
- Questions to promote problem solving and reasoning are posed.
- Students respond to deeper level questions orally and in writing.
- Student responses are clarified, connected, and/or extended.
- Whole- and small-group discussions are facilitated and focused on the learning objectives.
- Visuals, manipulatives, realia, and movement are used.
- Specific and timely feedback is provided.
- An active pace is maintained, with students anticipating routines.
- Answer checking among peers and self-assessment are fostered.
- A positive attitude towards math is maintained and question asking is promoted in a safe risk-taking environment.

## PREPARATION AND PLANNING
- A coherent unit plan is used with clear overarching objectives and expected performance outcomes.
- A coherent lesson plan is used with a clear objective, sequence of instruction, engagement strategies, and check for understanding.
- Seating is arranged to foster attentiveness and collaboration.
- Assessment data is analyzed and used to plan interventions.
- The content taught is aligned to standards.