**Mathematics Classroom Walk-through Form**

Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Course/level: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_ Text/Lesson:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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| **CLEAR AND FOCUSED RIGOROUS INSTRUCTION** |  **Notes** |
| * Explicit instruction is provided, with clear goals, directions, vocabulary, modeling, and guided practice.
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| * Connections are made between concepts, facts, and procedures.
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| * Understanding is developed from the concrete to the abstract.
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| * Mathematical properties are generalized from patterns, other properties, and/or reasoning.
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| * Students analyze, synthesize, apply, or extend math knowledge.
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| * Students reflect on, explain, and justify answers and processes.
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| * Students apply math to model and solve real-world problems.
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| * Students build fluency and flexibility with numbers and procedures.
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| * Learning is monitored with frequent checks for understanding.
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| * Instruction is adjusted or targeted based on identified needs. All students are provided appropriate levels of challenging work.
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| **ACTIVE ENGAGEMENT FOCUSED ON OBJECTIVES** |  |
| * Questions to promote problem solving and reasoning are posed.
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| * Students respond to deeper level questions orally and in writing.
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| * Student responses are clarified, connected, and/or extended.
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| * Whole- and small-group discussions are facilitated and focused on the learning objectives.
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| * Visuals, manipulatives, realia, and movement are used.
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| * Specific and timely feedback is provided.
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| * An active pace is maintained, with students anticipating routines.
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| * Answer checking among peers and self-assessment are fostered.
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| * A positive attitude towards math is maintained and question asking is promoted in a safe risk-taking environment.
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| **PREPARATION AND PLANNING** |  |
| * A coherent unit plan is used with clear overarching objectives and expected performance outcomes.
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| * A coherent lesson plan is used with a clear objective, sequence of instruction, engagement strategies, and check for understanding.
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| * Seating is arranged to foster attentiveness and collaboration.
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| * Assessment data is analyzed and used to plan interventions.
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| * The content taught is aligned to standards.
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