**Mathematics Questions**

**Curriculum, Assessment, and Instruction**

**Questions**

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(IDK/NO) Very minimal Somewhat Almost There Yes with Fidelity

Use NA if the question does not apply

**Instruction**

\_\_\_\_\_ Do all students receive instruction on grade level PA Core Standards?

\_\_\_\_\_ Is there an observable alignment between the written, taught, and assessed curriculum?

\_\_\_\_\_ Are unit and lesson objectives/essential questions and learning intentions clear to students?

\_\_\_\_\_ Do all teachers engage in regular conversations regarding the vertical connections of skills and concepts from grade to grade?

\_\_\_\_\_ Is sufficient time allocated in the master schedule for math instruction at all grade levels?

\_\_\_\_\_ Is instruction differentiated to allow for various avenues to process and practice skills?

\_\_\_\_\_ Are students provided with a variety of tasks that address all levels of Webb’s Depth of Knowledge (DOK)?

\_\_\_\_\_ Are both academic and content vocabulary purposely addressed through evidence based techniques and strategies?

\_\_\_\_\_ Is independent work purposeful, and directly related to building deep mathematical understanding of concepts consistently across all classrooms?

\_\_\_\_\_ Are teachers using (and trained/supported in how to use) the CRA (concrete - representational - abstract) approach?

\_\_\_\_\_ Are tools/manipulatives available in all classrooms and used appropriately and effectively by all students? Are all students instructed on the appropriate use of tools?

\_\_\_\_\_ Are students who receive tiered intervention supports closely monitored and provided specific instruction targeted to skill deficits?

\_\_\_\_\_ Is modeling taught as a critical mathematical process that utilizes algebra and are students provided opportunities to model algebra?

\_\_\_\_\_ Do instructional tasks require students to justify their answers and engage in discourse with their peers?

\_\_\_\_\_ Does the instruction used at all levels include opportunities for inductive reasoning investigations that will lead to the creation and testing of hypotheses?

\_\_\_\_\_ Do teachers help students to make sense of problems and persevere in solving them?

\_\_\_\_\_ Does Data inform instruction?

\_\_\_\_\_ Do you follow a strict Math program or provided supplemental material?

\_\_\_\_\_ Is technology integrated with in math instruction?

Notes: