

Assessing Your Schools' Mathematics Curriculum For Teachers

Classroom Practices	Yes	No
1. Have you ever developed a yearly instructional plan to cover the five mathematics content areas and the four processes needed at the grade level you teach?	<input type="checkbox"/>	<input type="checkbox"/>
2. Is the instructional plan aligned with state and district goals and standards and the school mathematics curriculum?	<input type="checkbox"/>	<input type="checkbox"/>
3. Do your instructional texts and materials cover the content and processes needed at your grade level?	<input type="checkbox"/>	<input type="checkbox"/>
4. Do you use a variety of teaching methods and strategies involving direct instruction and student centered instruction as appropriate?	<input type="checkbox"/>	<input type="checkbox"/>
5. Do you use questioning strategies to move students to higher levels of thinking and reasoning?	<input type="checkbox"/>	<input type="checkbox"/>
6. Do you encourage students to explain their thinking verbally, in writing, and through representations?	<input type="checkbox"/>	<input type="checkbox"/>
7. Do you use manipulatives, models, representations, and role playing to explain math concepts and operations?	<input type="checkbox"/>	<input type="checkbox"/>
8. Do you differentiate the curriculum to meet students at varying levels through ongoing classroom assessment, flexible groups, and meaningful activities?	<input type="checkbox"/>	<input type="checkbox"/>
9. Do you engage all students in active, hands-on learning in which they can explore their understanding of math concepts and develop operations skills?	<input type="checkbox"/>	<input type="checkbox"/>
10. Do you teach and review mathematics vocabulary words on a regular basis?	<input type="checkbox"/>	<input type="checkbox"/>
11. Do you encourage small group discussions, shared problem solving and cooperative learning with students?	<input type="checkbox"/>	<input type="checkbox"/>
12. Do you use short classroom exercises to assess student learning and making any necessary adjustments?	<input type="checkbox"/>	<input type="checkbox"/>
13. Do you use technologies such as calculators, computers, graphing calculators, etc.?	<input type="checkbox"/>	<input type="checkbox"/>

14. What three things could you do to improve and intensify your mathematics instruction?

a.

b.

c.

What support and assistance do you need?