

Math Materials Adoption: Needs Assessment



Before adopting high-quality instructional materials, conducting a comprehensive needs assessment of math teaching and learning is crucial. This involves understanding the current level of students' mathematical knowledge and skills, identifying gaps in teaching practices, and ensuring that the chosen materials address the most critical needs and are used effectively.

Student Performance	
What are the current levels of performance in mathematics?	
How do students' math performance levels vary across grades and demographics?	
What specific areas or standards in mathematics are students struggling with the most?	
Curriculum and Materials	
Are the current math curricula and instructional materials aligned with state or national standards?	
How well do the current instructional materials support diverse learners, including those with special needs and Multilingual Learners?	
What gaps exist in the current curriculum and materials?	
How frequently are formative assessments used to guide instruction?	

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Professional Learning	
What are the professional development needs of math teachers?	
What types of professional development opportunities are currently available to math teachers?	
How effective are current professional development programs in improving instructional practices and student outcomes?	
School and Classroom Environment	
What is the overall school climate and culture regarding math learning?	
How supportive are the school and classroom environments for math learning?	
Access	
Are all students provided with access to high-quality math instruction and resources?	
What barriers exist that may prevent some students from succeeding in math?	
Are there specific priority students you intend to focus on?	
What are the identified needs of the priority students?	
What do you hope to change for the identified priority students?	

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Goals and Outcomes

What are the specific goals for math achievement and instruction in the district?	
How will progress towards these goals be measured and monitored?	

Careholder Engagement

Please identify the careholders with whom you will engage during the adoption process.	
What are the perceptions and experiences of students, parents, and teachers regarding math instruction and learning?	
How can careholders be more effectively involved in planning and implementing math instruction improvements?	
What are some potential barriers amongst different careholder groups? How do you plan to address this?	
How will you assess careholder satisfaction with the overall adoption process?	



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