

Figure 17.1 Linking Responsibilities Actions/Indicators

	Students	Teachers	Math Leaders	School Leaders
Content (input)	<ul style="list-style-type: none"> Do grade-level appropriate work. Understand connections. Work at conceptual level. Gain proficiency or skill. 	<ul style="list-style-type: none"> Provide grade-level appropriate lessons. Stress instructional connections. Provide depth in lessons. Provide skills in context. 	<ul style="list-style-type: none"> Assist in planning and teaching appropriate lessons. Regularly discuss progressions. Regularly discuss development of concepts. Monitor for balance in lessons for concepts and skills. Design and model content in appropriate lessons. 	<ul style="list-style-type: none"> Collaborate with math leaders. Collaborate with teachers. Ensure content materials. Provide collaborative time. Analyze student data.
Classroom (input)	<ul style="list-style-type: none"> Engage in active participation. Work as learning community. Openly discuss reasoning. Participate in mathematical discourse. 	<ul style="list-style-type: none"> Monitor learning. Provide collaborative learning opportunities. Encourage thinking. Facilitate conversations. 	<ul style="list-style-type: none"> Coteach with teachers. Visit classrooms often. Work with students. Observe. 	<ul style="list-style-type: none"> Visit classrooms often. Observe. Chart progress.
Communication (outcomes)	<ul style="list-style-type: none"> Express interest in math. State they can learn math. Articulate need for math. Talk positively about math. 	<ul style="list-style-type: none"> Discuss school vision. Promote high expectations. Demonstrate rapport. Participate in collaborative planning. 	<ul style="list-style-type: none"> Demonstrate listening. Show positive encouragement. Share information. Speak encouragingly. 	<ul style="list-style-type: none"> Promote the vision. Actively listen. Communicate. Promote goals for success.
Climate (outcomes)	<ul style="list-style-type: none"> Take risks. Help other students. Have positive attitudes. Be responsible for learning. 	<ul style="list-style-type: none"> Support all students. Try new approaches. Promote continuous improvement. Have “can do” approach. 	<ul style="list-style-type: none"> Support change. Encourage new techniques. Have positive “we can” attitude. Build collegiality. 	<ul style="list-style-type: none"> Share leadership. Recognize success. Promote “we can” attitude. Continuously improve.