

To Be a Good Math Student I Should:



Make sense of problems and persevere in solving them

- Use the 4 step problem solving model
- Show patience and positive attitudes



Reason abstractly and quantitatively

- Explain your thinking
- Determine if your answer is reasonable?



Construct viable arguments and critique the reasoning of others

- Develop conjectures and evaluate them



Model with mathematics

- Use formulas, equations, charts tables, graphs etc.



Use appropriate tools strategically

- Use a calculator, spreadsheet, geometer's sketch pad, ruler, protractor, algebra tiles, base 10 blocks, etc.



Attend to precision

- Calculate accurately



Look for and make use of structure

- Find patterns, apply them to new situations



Look for and make use of regularity in repeated reasoning

- Find shortcuts