**The Standards for Mathematical Practices in “Kid Speak”**

1. Make sense of problems and persevere in solving them.
* I will make sense of problems. I will keep working hard on them even when they seem hard.
* I will explain the problems to myself in my own words first. I will look for different ways to begin to solve the problem.
* I will think through the problem before I begin and make plans for what might happen as I solve.
* I will keep track of my work. I will try altogether different ideas if one idea does not work.
1. Reason abstractly and quantitatively.
* I will pay attention to the units of measure involved in the problem.
* I will understand the meaning of numbers and units, and not just do the computation.
* I will use symbols to represent a problem.
* I will be flexible when solving problems.
* I will make a model, picture, or table to represent the problem.
1. Construct viable arguments and critique the reasoning of others.
* I will listen to what others think.
* I will justify my answers.
* I will explain with examples.
* I will compare and contrast the different ways that others do problems.
* I will ask questions to help me better understand the different ways that others do their work.
* I will ask others questions to help them make their solutions better.
* I will invite questions to help me make my solutions better.
1. Model with Mathematics
* I will break problems down to make them easier.
* I will check to see if my answers make sense.
* I will choose the math tools that fit the problem.
* I will draw conclusions.
* I will relate math to things that happen in my life..
1. Use appropriate tools strategically.
* I will pick the best tool to help me solve the problems.
* I will think about when it is best to use pencil and paper, ruler, protractor, calculator, or computer.
* I will use technology.
* I will explore the problem and make predictions.
1. Attend to precision
* I will use math words and language when I speak and write.
* I will pay attention to details
* I will check my work.
* I will be careful with units of measure.
* I will label carefully.
* I will review my work and make sure that everyone can understand my definitions and answers.
1. Look for and make use of structure
* I will look closely in search of a pattern.
* I will look at the big picture.
* I will look for connections to things that I already know.
* I will break down the problem into smaller steps.
* I will make connections to things I have already learned.
* I will summarize my work and then look at it from a different point of view
1. Look for and express regularity in repeated reasoning
* I will look to see if calculations are repeated. If they are repeated then I will find shortcuts
* I will stop and check that my work makes sense before I finish the problem
* I will use mathematics to solve problems that come up in everyday life.
* I will keep the whole problem in mind while I work on each step.