Power Standards

"I can" Checklist for students

Grade 5

☑	Required skills by the end of Grade 5
	I can understand and explain the value of the digits in a multidigit number
	I can explain patterns when a decimal is multiplied or divided by a power of 10
	I can read, write, and compare decimals to thousandths
	I can round decimals to any place
	I can fluently multiply multi-digit whole numbers
	I can divide 4-digit dividends by 2-digit divisors
	I can add, subtract, multiply, and divide decimals to hundredths
	I can add and subtract fractions and mixed numbers with unlike denominators
	I can solve word problems using addition and subtraction of fractions
	I can understand a fraction as division of the numerator by the denominator
	I can solve word problems involving division of whole numbers where the answers are in the form of fractions or mixed numbers
	I can multiply a fraction or a whole number by a fraction
	I can think of multiplication as the scaling or resizing of a number
	I can solve real-world problems involving multiplication of fractions and mixed numbers
	I can divide fractions by whole numbers and whole numbers by fractions
	I can understand volume in solid figures
	I can measure volume by counting unit cubes
	I can relate volume to multiplication and addition and solve real-world and mathematical problems involving volume
	I can use formulas; V= l x w x h and V = b x h to find the volume of an object

Mathematical Practices for ALL grade levels

☑	I do statement	Mathematical Practice
	I do try different strategies when I get stuck and never quit!	Make sense of problems and persevere in solving them.
	I do think about my answer to see if it makes sense.	Reason abstractly and quantitatively.
	I do explain my thinking using math vocabulary.	Construct viable arguments and critique the reasoning of others.
	I do draw diagrams and pictures that help me solve problems.	Model with mathematics.
	I do use the most appropriate tools (rulers, number lines, ten-frames, calculators, etc.) when solving problems	Use appropriate tools strategically.
	I do check my work when I finish.	Attend to precision.
	I do organize my work to allow myself to make valuable observations.	Look for and make use of structure.
	I do look for patterns and apply these patterns to solve problems.	Look for and express regularity in repeated reasoning.