



# Lower Level ISEE Concepts Checklist

## Verbal Reasoning

Vocabulary	
Synonym	
Sentence completion	

## Reading Comprehension

Main idea	
Finding details in a passage	
Inferencing	
Author's purpose / tone of the passage	
Vocabulary in context	

## Math

<b>Numbers and operations</b>	
Adding / subtracting / multiplying / dividing whole numbers	
Place value	
Rounding	
Estimating	
Order of operation	
Distributive property	

<b>Fractions</b>	
Adding / subtracting / multiplying / dividing fractions	
Comparing fractions	
Changing mixed numbers to improper fractions	

<b>Decimals</b>	
Adding / subtracting / multiplying / dividing decimals	
Converting fractions to decimals	
Rounding decimals	

<b>Algebra</b>	
Solving simple one-step equations	
Solving simple two-step equations	

<b>Percents</b>	
Changing a percent into a fraction or decimal	
Finding the value of a percent of a number	
Percent word problems	



<b>Word Problems</b>	
Word problems with whole numbers	
Area word problems	
Word problems containing fractions and decimals	

<b>Geometry</b>	
Creating shapes on coordinate planes	
Finding symmetry	
Features of a quadrilateral	
Features of a triangle	
Finding the length of a line	

<b>Measurement</b>	
Converting between units of measurements	
Finding the perimeter and area of a triangle	
Finding the perimeter and area of a quadrilateral	
Finding the volume of a simple 3-D shape	

<b>Data Analysis</b>	
Finding patterns	
Finding points on a graph	
Interpreting graphs and tables	
Functions	
Venn diagrams	
Finding the mean / median / mode / range	
Probability	