

# 8<sup>th</sup> Grade Math

## 1<sup>st</sup> Six Weeks

Unit Concept	Power Standards	Task
Rational and Irrational Numbers	8.NS.A.1 8.NS.A.2	Categorizing and estimating real numbers <a href="https://www.illustrativemathematics.org/8.NS.A">https://www.illustrativemathematics.org/8.NS.A</a>
Exponents and Scientific Notation	8.EE.A.1 8.EE.A.2 8.EE.A.3 8.EE.A.4	Working with radicals and integer exponents <a href="https://www.illustrativemathematics.org/8.EE.A">https://www.illustrativemathematics.org/8.EE.A</a>

## 2<sup>nd</sup> Six Weeks

Unit Concept	Power Standards	Task
Solving Equations	8.EE.7a 8.EE.C.7b	Task Arc-equations and linear functions
Pythagorean Theorem	8.G.B.6 8.G.B.7 8.G.B.8	Understand congruence and similarity using physical models, transparencies, or geometry software <a href="https://www.illustrativemathematics.org/8.G.A">https://www.illustrativemathematics.org/8.G.A</a>

## 3<sup>rd</sup> Six Weeks

Unit Concept	Power Standards	Task
Functions	8.F.A.1 8.EE.B.6 8.F.A.3 8.F.B.4	Define, evaluate, and compare functions <a href="https://www.illustrativemathematics.org/8.F.A">https://www.illustrativemathematics.org/8.F.A</a>
Linear Functions	8.F.A.2 8.EE.B.5 8.F.B.5	TNCore Speed Limit Task

## 4<sup>th</sup> Six Weeks

Unit Concept	Power Standards	Task
Systems of Linear Equations	8.EE.C.8a 8.EE.C.8b 8.EE.C.8c	TNCore T-shirt Task, Calling Plans 2 (Training Notebook), Scuba Task (Training Notebook), Understanding and Solving Systems of Linear Equations
Lines and Angles	8.G.A.5 8.G.A.1 8.G.A.1a 8.G.A.1b 8.G.A.1c	Understand congruence and similarity using physical models, transparencies, or geometry software <a href="https://www.illustrativemathematics.org/8.G.A">https://www.illustrativemathematics.org/8.G.A</a>

## 5<sup>th</sup> Six Weeks

Unit Concept	Power Standards	Task
Transformation	8.G.A.2 8.G.A.3 8.G.A.4	Understand congruence and similarity using physical models, transparencies, or geometry software <a href="https://www.illustrativemathematics.org/8.G.A">https://www.illustrativemathematics.org/8.G.A</a>

Volume of Shapes	8.G.C.9	Understand congruence and similarity using physical models, transparencies, or geometry software <a href="https://www.illustrativemathematics.org/8.G.A">https://www.illustrativemathematics.org/8.G.A</a>
<b>6<sup>th</sup> Six Weeks</b>		
<b>Unit Concept</b>	<b>Power Standards</b>	<b>Task</b>
Statistics	8.SP.A.1 8.SP.A.2 8.SP.A.3 8.SP.A.4	Investigate patterns of association in bivariate data <a href="https://www.illustrativemathematics.org/8.SP.A">https://www.illustrativemathematics.org/8.SP.A</a>