



Türkiye Math Curriculum Gr. 6 - 9

Math Curriculum Topics ⁱ				
Strands	Grade 6	Grade 7	Grade 8	Grade 9 ⁱⁱ (High school)
1. Numbers and Operations	<ul style="list-style-type: none"> • Operations with natural numbers • Operations with fractions • Multiplications and Times • Sets • Whole Numbers • Ratios 	<ul style="list-style-type: none"> • Percentage • Operations with whole numbers • Rational numbers • Operations with rational numbers • Ratio and proportion 	<ul style="list-style-type: none"> • Multiplications and Times • Exponential expressions • Square roots 	<p>Logic</p> <ul style="list-style-type: none"> • Propositions and Compound Propositions <p>Sets</p> <ul style="list-style-type: none"> • Basic concepts in sets • Operations in sets <p>Equation and inequalities</p> <ul style="list-style-type: none"> • Number sets • Divisibility rules
2. Algebra	<ul style="list-style-type: none"> • Algebraic expressions 	<ul style="list-style-type: none"> • Equality and equation 	<ul style="list-style-type: none"> • Linear equation • Algebraic expressions and identities • Inequalities 	<ul style="list-style-type: none"> • First-degree equations and inequalities • Exponential expressions and equations • Application of Equation and Inequalities
3. Geometry and Measurement	<ul style="list-style-type: none"> • Area measurement • Geometric objects • Angles • Circle • Liquid measurement 	<ul style="list-style-type: none"> • Lines and angles • Circle and Area of a Circle • Polygons • Different Views of Objects 	<ul style="list-style-type: none"> • Triangles • Geometric objects • Transformation geometry • Congruency and Similarity 	<p>Triangles</p> <ul style="list-style-type: none"> • Basic concepts of Triangles • Congruency and Similarity • Segments within Triangles • Right Triangle and Trigonometry • Area of Triangle

4. Data Processing	<ul style="list-style-type: none"> • Data collection and evaluation 	<ul style="list-style-type: none"> • Data analysis 	<ul style="list-style-type: none"> • Data analysis 	Data <ul style="list-style-type: none"> • Measures of Central Tendency & Dispersion • Visualization of Data with Graphics
5. Probability			<ul style="list-style-type: none"> • Probability of simple events 	

ⁱ This table is adapted from Math (Gr. 1-8) and Math (Gr. 9-12) curricula of the Turkish Ministry of National Education (2023): <http://mufredat.meb.gov.tr/Programlar.aspx>

ⁱⁱ In Grade 9, Numbers and Algebra, Geometry, and Data and Probability constitute three strands of Math with subthemes such as Logic, Sets, Equations and Inequalities.