



# IB MATHS ARE CHANGING

IB Mathematics Course Selection  
for the Lamar High School class of 2021



# NEW IB MATH COURSE OPTIONS

*both offered at SL & HL*

## **APPLICATIONS & Interpretation**

- Emphasis on modelling and statistics
- Develop strong skills in applying mathematics to the real-world
- Real mathematical problem solving using technology
- For students interested in social sciences, natural sciences, medicine, statistics, business, economics, psychology, and design

## **ANALYSIS & Approaches**

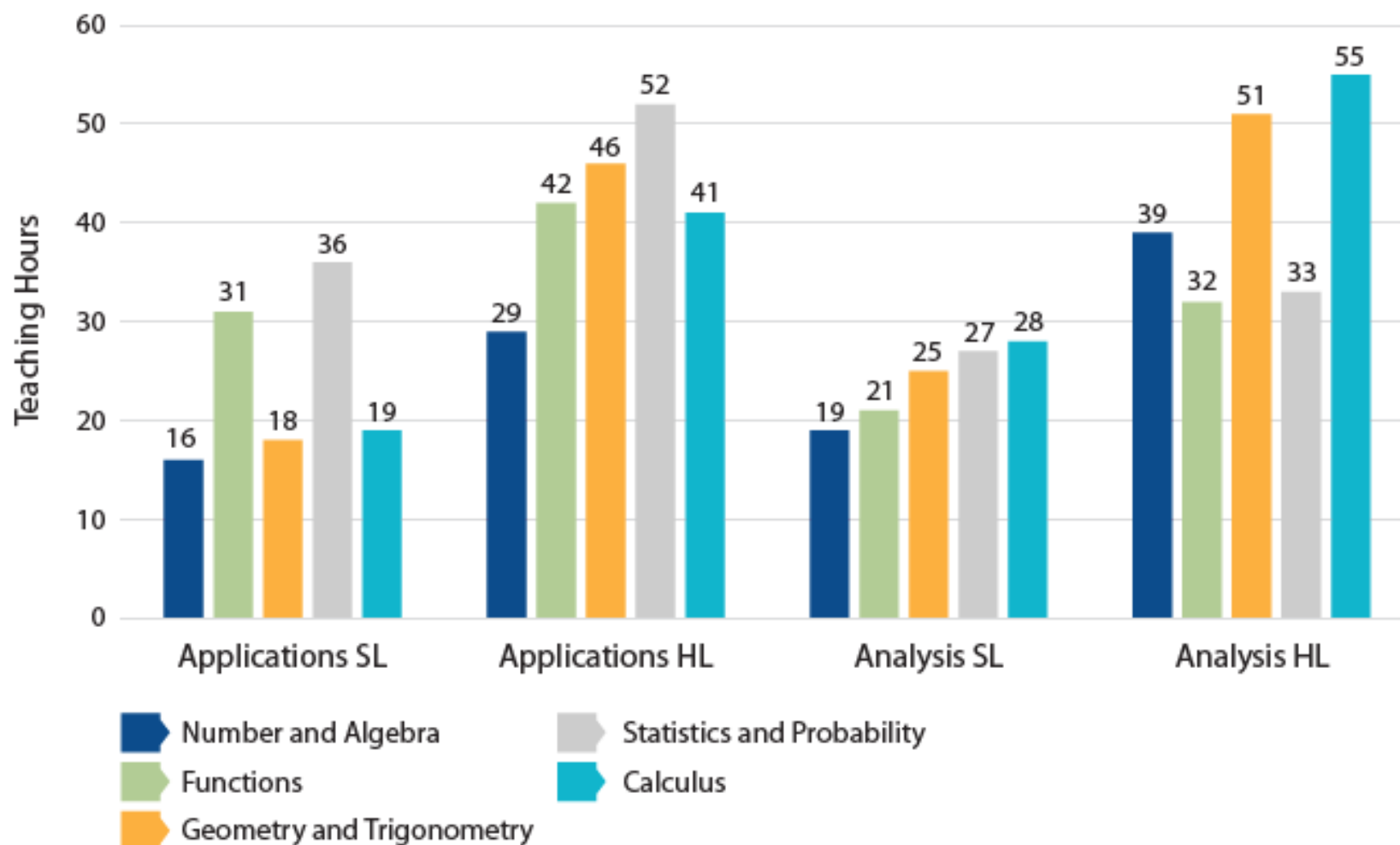
- Emphasis on algebraic methods
- Develop strong skills in mathematical thinking
- Real and abstract mathematical problem solving
- For students interested in mathematics, engineering, computer science, and physical sciences

# Standard Level or Higher Level?

- Both IB Mathematics courses are taught over 2 years at either Standard Level (SL) or Higher Level (HL)
- HL courses explore topics in greater depth than SL and can move at a faster pace
- To earn an IB Diploma, you need to study 3 (or 4) of 6 subjects at HL
  
- Choose an HL Math course if you genuinely love mathematics

## Mathematics Subject Breakdown

All courses cover the same 5 topics within mathematics but with varying emphasis



8th	9th	10th	<i>Which math do I choose?</i>	11th	12th
	Algebra 1	Algebra 2		Geometry	AQR
Algebra 1 Geometry	Algebra 2	AP Statistics	<p>All SL and HL maths are 5pt classes.</p> <p>All are of equal dignity.</p> <p>Choose the 2 year math that best meets your needs.</p>	<p><b>Analysis &amp; Approaches</b></p> <p>Emphasis on algebraic methods</p> <p>Develops strong skills in mathematical thinking</p> <p>Real &amp; abstract mathematical problem solving</p> <p>For students interested in mathematics, engineering, computer science, and physical sciences.</p>	<p><b>HL</b></p> <p>You are <i>proficient</i> at higher math and you <b>LOVE</b> it!</p>
	Algebra 1	Algebra 2 Geometry (in Summer School)			<p><b>SL</b></p> <p>You are good at math, but you are not <i>in LOVE</i>.</p>
	Algebra 1	Geometry		<p><b>HL</b></p> <p>You are <i>proficient</i> at higher math and you <b>LOVE</b> it!</p>	
Algebra 1	Algebra 2	Geometry		<p><b>SL</b></p> <p>You are good at math, but you are not <i>in LOVE</i>.</p>	
				<p><b>Applications &amp; Interpretation</b></p> <p>Emphasis on modeling and statistics</p> <p>Develops strong skills in applying mathematics to the real-world</p> <p>Real mathematical problem solving using technology</p> <p>For students interested in social sciences, natural sciences, medicine, statistics, business, economics, psychology, and design.</p>	

# TELL US YOUR PLAN

Complete the Google survey at this link to let us know your selection and to indicate if you need assistance –

<https://goo.gl/forms/ekfnyVOG25YgG3082>