

# New DP Mathematics

## What is the best fit for your school?

After a seven-year curriculum review, two new subjects in mathematics will be replacing the current four subjects in 2019. In addition to giving more choice to a greater number of students, these courses will give your school greater flexibility in the way you group students, schedule lessons and teach the skills and content.

### MATHEMATICS: ANALYSIS AND APPROACHES

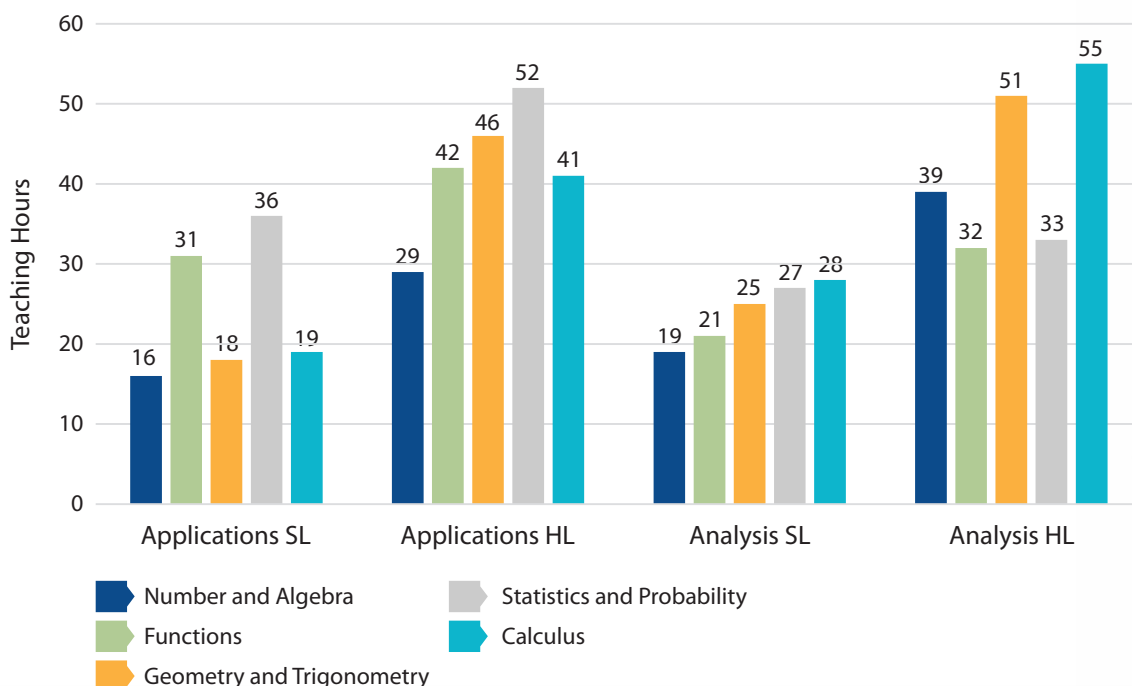
- Offered at both SL and HL
- Emphasis on algebraic methods
- Develop strong skills in mathematical thinking
- Real and abstract mathematical problem solving
- For students interested in mathematics, engineering, physical sciences, and some economics

### MATHEMATICS: APPLICATIONS AND INTERPRETATION

- Offered at both SL and HL
- 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, engineering, some economics, psychology, and design

## Mathematics Subject Breakdown

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



## Here are some suggestions as to how you might run the courses

DP Year	Current	Recommendation 1	Recommendation 2	Also Consider
1	Mathematical Studies SL 1	Mathematics Applications SL 1	Mathematics Analysis SL 1	<i>Combine Applications SL and Analysis SL for part of the year to cover the common content together and then allow students to decide</i>
2	Mathematical Studies SL 2	Mathematics Applications SL 2	Mathematics Analysis SL 2	
1	Mathematics SL 1	Mathematics Analysis SL 1	Mathematics Applications SL 1	<i>Combine Applications SL and Analysis SL for part of the year to cover the common content together and then allow students to decide</i>
2	Mathematics SL 2	Mathematics Analysis SL 2	Mathematics Applications SL 2	
1	Mathematics HL 1	Mathematics Applications HL 1	Mathematics Analysis HL 1	
2	Mathematics HL 2	Mathematics Applications HL 2	Mathematics Analysis HL 2	
1	Mathematics HL 1	Mathematics Analysis HL 1	Mathematics Applications HL 1	
2	Mathematics HL 2	Mathematics Analysis HL 2	Mathematics Applications HL 2	

## Additional Resources

### Programme Resource Center - [resources.ibo.org](https://resources.ibo.org)

Log into the Programme Resource Center (PRC) for complete access to the subject guides and other teacher support materials.

### Subject Specific Seminars and other workshops – [ibo.org/pd](https://ibo.org/pd)

Click on “Register for workshops” to search for upcoming opportunities to learn about the new mathematics curriculum.

### IB maths page – [ibo.org/maths](https://ibo.org/maths)

Visit this page for general information, curriculum details, frequently asked questions, and recognition updates.

### Interactive maths blog – [blogs.ibo.org](https://blogs.ibo.org)

An interactive post with in-depth subject breakdown for both courses is available on the official IB Blog.



For more information about the new DP mathematics courses visit [www.ibo.org/maths](https://www.ibo.org/maths)