

# 2019 HSC Study Day Series

## Mathematics 2 Unit



### HSC revision opportunity for all DoE schools in NSW

This is an opportunity for any HSC class in a Department of Education school offering HSC Mathematics 2 Unit to connect and revise with others. A range of experienced teachers and HSC markers will present updated information on course content. Students will have opportunities to ask questions and seek answers in real time.

**Date:** Wednesday 7<sup>th</sup> August, 2019

**Time:** 8:50am – 3:10pm

**Location:** Online via Adobe Connect

**Registration:** Teachers register using their DoE email address only - materials and URL will be emailed to the DoE address provided prior to the event. Go to the 'Events' tab on the Aurora website at <http://www.aurora.nsw.edu.au/events/hsc-study-days>

Registration closes on 24<sup>th</sup> July.

**Cost:** \$50.00 per school.

Please select 'Pay by invoice' when registering with Eventbrite.

**Payment**  
Payment Method: \*

Your school will be sent an interschool journal request after the event. Please advise your School Administrative Manager about this.

Any questions regarding payment can be directed to Denise Deaves at [auroracoll-h.school@det.nsw.edu.au](mailto:auroracoll-h.school@det.nsw.edu.au)

If you have any questions or require more information, please contact

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### Program

Time	Session
8:50 – 9:00	Welcome
9:00 – 9:45	<b>Integral and differential calculus</b> <i>(This will address polynomials NOT other areas such as trig, log etc)</i> <i>Kathy Howard, Head Teacher Mathematics, Aurora College</i>
9:50 – 10:35	<b>Trigonometric functions</b> <i>Stuart Palmer, Mathematics Education Consultant</i>
10:35 – 11:00	Morning tea break
11:00 – 11:45	<b>Applications of calculus to the physical world</b> <i>Kathy Howard, Head Teacher Mathematics, Aurora College</i>
11:50 – 12:35	<b>Logarithmic and exponential functions</b> <i>Stuart Palmer, Mathematics Education Consultant</i>
12:35 – 1:20	Lunch break
1:20 – 2:05	<b>Series and series applications</b> <i>Stuart Palmer, Mathematics Education Consultant</i>
2:10 – 2:55	<b>Probability and Preliminary revision (includes quadratics)</b> <i>Kathy Howard, Head Teacher Mathematics, Aurora College</i>
2:55 – 3:10	Opportunity for Q & A Conclusion

### Setting up Adobe Connect

The sessions will be held via Adobe Connect. Please ensure there is only one connection per school. The presentation can be displayed on a data projector through any computer with an ethernet cable and speakers. The information below will help with setting up if you are not familiar with Adobe Connect.

- You will need to perform all necessary setup in advance of your online session so that you have time to resolve any connection or access issues. The Adobe room will be opened 30 mins prior to commencing to allow time for set up.
- Test your computer prior to accessing your online room by going to the [Meeting Connection Diagnostic](#). Ensure you install any add-ins, if prompted to do so by the connection test.
- The following guide may also be useful [Quick Start Guide for Participants](#)