

To: All Heads of Learning Areas
All teachers of Upper School Physics and Chemistry

From: Geoff Lewis (Science Consultant CEWA)
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**CHEMISTRY AND PHYSICS (UPPER SCHOOL)
PROFESSIONAL LEARNING OPPORTUNITY**

DATE: Thursday 9 August

TIME: Chemistry 9.00 am to 12.00 midday
Physics 1.00 pm to 4.00 pm

VENUE: Room S1.01 Newman Siena Centre
33 Williamstown Road
Doubleview WA 6018

COST: Catholic Schools: \$25
Non-Catholic Schools/Organisations \$50

(Please do not send any money, schools will be invoiced)

The purpose of the day is to give teachers of physics and chemistry a clear insight into the newer content of the syllabus and how best to present and assess it, particularly the investigations. Investigations are an integral part of both courses and there is concern that many being conducted are not useful, appropriate and engaging. An insight into how ATAR marking is conducted should enable teachers to better prepare their students for the final exam.

Teachers need to access the Catholic Education Office Professional Development web-site on <http://plportal.ceo.wa.edu.au/> - **Search for: Categories:** Curriculum and Teaching; the date you require and enroll on-line.

Registrations will close COB on 2 Aug 2018.

For further details contact Geoff Lewis on gandglewis@bigpond.com

Agenda - Chemistry

9.00 am to 12.00 midday

Newman Siena Centre, S1.01

33 Williamstown Road
Doubleview WA 6018

8.45am	Registration
9.00am	Welcome
9.10am	Assess and design upper school investigations, SCSA policies– Laura Hawden
10:00am	Morning Tea
10.20am	Group activity – design a suitable investigation
11.10am	Upper school investigations - Here is how I do it– Kelly Nebel
11.55pm	Evaluation
12.00 midday	CLOSE

Agenda - Physics

1.00 pm to 4.00 pm

Newman Siena Centre, S1.01

33 Williamstown Road
Doubleview WA 6018

12.45pm	Registration
1.00pm	Welcome
1.05pm	Teaching Unit 4 Special Relativity – Prof Igor Bray (Curtin University)
1.50pm	New content of Unit 3 and 4 – Teaching and assessment – Ian Wilson (Holy Cross College)
2.30pm	Meaningful investigations in Years 11 and 12 and real data collection – Mal Johnson (Mazenod College)
3.15pm	Marking processes in the ATAR exam – Bill Biffin (MLC)
3.50pm	Evaluation
4.00pm	Afternoon Tea - CLOSE