

# STEM Professional Learning for Primary School Teachers: TERM 3 & TERM 4

PrimeSCI! and KIOSC present the 2017 STEM Professional Learning Series, designed to give primary school teachers confidence in the teaching of Science, Technology, Engineering and Mathematics by:

- Empowering teachers with knowledge
- Equipping teachers with tools to deliver content
- Navigating the curriculum to discover how scientific concepts are built upon throughout all primary school year levels.

Suitable for teachers of all primary year levels, as well as science specialists.

Can't spare a whole day? Join us for the essentials in our 2-hour PD workshops during Term 4.

## **Physics Across the Curriculum – full day** **Physics Bite-size – 2 hours**

Gain a solid foothold in the fundamentals of the physical sciences, see how these concepts weave into the other sciences, and learn how to deliver those concepts in novel ways. This workshop is designed to turn your classrooms into powerful experiential play labs.

Topics include: motion, forces, light.

## **Chem Across the Curriculum – full day** **Chemistry Essentials – 2 hours**

Chemistry concepts underpin all other sciences and are key to understanding the world we live in. Teachers will be shown how and where atoms and molecules fit into the science curriculum, and learn to deliver powerful science lessons across all levels.

Topics include: properties of matter, states of matter, physical and chemical change.

## **Coding in the Classroom – full day** **Coding Play – 2 hours**

Students are consuming digital content at an alarming rate. Imagine empowering them with the tools to express themselves and produce their own content in mathematics, science and other learning areas. This workshop creates an opportunity for you to develop the confidence to embark on a coding journey with your own students by using online and physical resources.

Topics include: why, how and what to code, coding languages, skills and platforms.



*"I understood things for the first time ever."*

*"Very interesting and stimulating but not overwhelming – really felt that just enough content was presented in a way that could be INSTANTLY transferred to the classroom."*

Term 2 participants.

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Bookings at:

[www.trybooking.com/QUMA](http://www.trybooking.com/QUMA)

For more information or to pay via purchase order please contact the PrimeSCI! Office:

Ph: 9210 1969

Email: [www.primesci@swin.edu.au](mailto:www.primesci@swin.edu.au)



Full day PD workshops include: background information, topic starters, hands-on classroom-based activities, investigations, extension ideas and cross-curriculum links. Teachers will take home a comprehensive collection of resources.

2-hour afternoon PD workshops are ideal for teachers who cannot get away from school for a whole day, yet still want to increase their understanding of the essentials of primary school chemistry, physics and coding, and become more confident teachers of STEM. Detailed resources provided.

## Full day PD workshops

**Time:** 9:30am – 3:00pm

**Includes:** morning tea & lunch

**Cost:** \$310 per person

### DATES:

#### Coding in the Classroom

Wednesday 16 August

#### Physics Across the Curriculum

Thursday 17 August

#### Chemistry Across the Curriculum

Friday 18 August

## 2-hour PD workshops

**Time:** 3:00pm – 5:00pm

**Includes:** afternoon tea

**Cost:** \$130 per person

### DATES:

#### Chemistry Essentials

Thursday 12 October

#### Coding Play

Tuesday 24 October

#### Physics Bite-size

Thursday 26 October

### Venue:

KIOSC Discovery Centre (Building WK)  
369 Stud Road  
Wantirna VIC 3152

