



STANSW Primary SciTech

An event for Primary K-6 Teachers

30 March 2019

Macquarie University

Primary Teachers: come along to share science learning opportunities with like-minded teachers. Lots of great workshops to provide inspiration and new ideas for teaching primary science with an inquiry approach. Also opportunities are provided to unpack the new syllabus and discuss how that will impact on you and your programming.

Philippa Miller (AISNSW)

MAKING SCIENCE AND TECHNOLOGY TEACHING GREAT

The new Science and Technology syllabus is an exciting opportunity to update and refresh programs of learning that will engage students in discovering the wonder of the world around them. This presentation will unpack essential elements in quality Science and Technology teaching using evidence based on research completed by UTS and commissioned by AISNSW. Participants will explore what is 'best practice' in creating a unit of learning that not only meets syllabus requirements but helps students develop critical thinking, creativity and problem-solving skills.

Sally Biskupic (ACU, SCS, Macquarie Uni)

SEEDING STUDENTS' THINKING: addressing science skills and knowledge outcomes in an integrated curriculum.

Helen Georgiou (UOW)

AN INTEGRATED MATERIAL WORLD ACTIVITY

This workshop will involve working hands-on with an activity that focuses on new content in Material World. The workshop will include a discussion of designing integrated units for the new NSW Science and Technology Syllabus as we combine elements of Design and Production, Working Scientifically and content from both

Material World and Physical World to build and test a new product.

Ben Newsome (Fizzics Education)

DESTINATION MOON: IDEAS FOR TEACHING THE 2019 NATIONAL SCIENCE WEEK TOPIC

Discover and share ideas for teaching primary students about exploration of the moon. From past missions to current challenges, there are a variety of hands-on experiments and project-based learning lessons you can consider when addressing this year's National Science Week topic. At the end of the workshop you will participate in a rapid ideation session to bring together ideas for preparing a unit of work that you can implement in your school.

Simon Crook (CrookEd Science)

FUN, CHEAP AND EASY ELECTRIC CIRCUITS FOR PRIMARY SCHOOLS

In light of the new Science & Technology K-6 Syllabus, this hands-on workshop will source cheap yet sophisticated electrical components for studying electrical energy, technological systems and STEM projects. We will be making basic circuits integrated into 3D spaces, as products and solutions to identified problems. Explicit links to Working Scientifically, Design and Production, Design Thinking and Systems Thinking will be highlighted.

Contact STANSW

E: office@stansw.asn.au | Ph: 02 9763 2751

W: www.stansw.asn.au

T: @stansw <https://twitter.com/stansw> | F: @stansw <https://www.facebook.com/stansw/>

NESA ACCREDITATION

Completing the STANSW #BEEIS and #PrimarySciTech will contribute up to 2 days (5 hours/ Friday) & (4 hours / Saturday) of NSW Education Standards Authority (NESA) Registered PD addressing 6.2.2, 6.4.2, 7.4.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

STANSW Inc is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient Teacher level.

