

A Professional Development Day at the Marine Discovery Centre on Monday 29th May

Come and enjoy a day that enables you to learn about Aboriginal Culture and links to Science, Technology, Engineering and Mathematics – with links to ACARA

What teaching approaches are most conducive for developing higher-level problem-solving skills?

Presenters: Karl Telfer – Adrian Dilger – Kate Dilger - Tim Hoile – Karno Martin

Karl Winda Telfer - A proud Aboriginal man, Karl comes from a family of strong cultural and political activity, and has been involved in Aboriginal cultural and spiritual renewal all his life. Karl is a highly respected cultural educator and story-teller, as well as a talented presenter, artist and designer.



Adrian Dilger – has been a teacher for over 30 years, teaching from Reception to Year 7 as a classroom, ICT and drama teacher. For the last 8 years Adrian has worked as a numeracy consultant with Catholic Education South Australia working with teachers and schools in the development of whole school approaches to maths and pedagogy. Between 2004 and 2006, Adrian worked for two years as a numeracy consultant in schools across New York City for the NYC Board of Education.

Kate Dilger - has been involved in the science community and science teaching for more than 30 years. In 2010 she was named winner Schools Science Educator of the Year, 2010 South Australian Science Excellence Awards. During 2011 and 2012, Kate worked as a Curriculum Consultant Australian Curriculum: Science at the Catholic Education Office SA, and was also a member of the ACARA Science Reference Group that worked towards the validation of the Achievement Standards for the Australian Curriculum

Tim Hoile – Director of the Marine Discovery Centre and past National President of MESA, Marine Education Society of Australasia and inaugural Chair for MDCA, Marine Discovery Centres Australia. Tim has been awarded the National BHP Science Teachers Award, the Unsung Hero Award for Science in SA and recently the UNESCO Award for services to education in Australia.



Karno Kuri Martin - Karno has been mentored by his Uncle, Karl Winda Telfer, for most of his life. In the past year, Karno has worked at the Marine Discovery Centre and developed his teaching and presentation skills.



This promises to be an outstanding PD experience for educators.

Timetable follows:

Connecting Culture with STEM

Marine Discovery Centre: cnr Marlborough St & Seaview Rd, Henley Beach

(Parking available behind Church opposite)

9am Introduction

Welcome to Country with Karl Winda Telfer

Science and Measurement in Culture with Karl and Karno Kuri Martin

9.45 Intro to Marine Trail with Tim and Karno

What are we looking for? – secrets of local marine life

How do we record? - Adrian

10.30 Morning Tea provided/Networking

11.00 Marine Trail – led by Tim/Karno

- collecting data – using iPhones, iPads etc

- Science aspects: tidal movement, littoral drift, stormwater – coastal signs

- Cultural Sharing: creating fire, emu (Karno's totem) dance

12.30 Lunch provided

1.00 Collate data – analyse it? – Adrian

1.30 Curriculum Links – how do we break it open?

3 Groups – R-2, 3-5 and 6&7 Yr Level Teachers

Adrian (Maths), Kate Dilger (Science) and Karl/Karno (Cultural Learning & History)

2.45 Afternoon Tea

3.00 How could you adapt for your local environment? (local creek, catchment area, forest floor etc)

Planning an Investigation

3.50 Karno: Didgeridoo

Counting in Kurna

Evaluation/Feedback

4.00 Close

Please note: program may change

Payment Details

Cost: \$88 (including GST) per Educator

Morning Tea & Lunch included

Please click-on this link to pay through Trybooking: <https://www.trybooking.com/276282>

Or return email: info@marinediscoverycentre.com.au or post to Marine Discovery Centre:
333 Military Rd, Henley Beach 5022

School Name/Organisation:

Name(s):

Address:

..... State: Post Code:.....

Phone:..... Mobile:

Email:

Any dietary requirements?

Cheques payable to: Star of the Sea Marine Discovery Centre

Payment method: Credit Card Cash Cheque

Credit cards details:

Visa Master Card Exp. Date:/...../.....

...../...../.....

Name on card:

Signature: Date:/...../.....

Please note: You will need to receive a return email for your attendance to be confirmed.

Marine Discovery Centre: ph 8115 7402 or info@marinediscoverycentre.com.au