



BENDIGO
UNIVERSITY OF THE THIRD AGE

SUMMER DAYS with U3A

(St Mary's Anglican Church Hall)

17th—20th January 2017

PROGRAM

WHY IS IT SO?

SOME SUMMER ACTIVITIES FOR THE CURIOUS

With the holidays soon over, and a bit of time to relax, here's the chance to ponder some of the wonders of the world around us.

For four days in January we offer you a range of interesting activities to fascinate, entertain and expand your knowledge of some areas which are waiting to be explored:

- people at work with science,
 - how technology can help us expand our world,
 - the marvels of engineering in our everyday lives
- how maths is integral to our understanding of our world

Join us for one day, two days or the whole program if you like.
(RSVP Tuesday 10th January)

Learn more about the things you never quite understood before, or that maybe scared you when you were at school.

LIVE, LEARN AND BE HAPPY.

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WHY IS IT SO?

SOME SUMMER ACTIVITIES FOR THE CURIOUS

Day 1: Science at work: Tuesday January 17

Day 2: Letting IT broaden our world: Wednesday January 18

Day 3: Imagine a world without engineers: Thursday January 19

Day 4: Understanding maths in our world: Friday January 20

Tea and coffee are available during the day. BYO lunch

Tuesday 17th January 2017 - Science at work in and around Bendigo

9.30 – 10.20 **Micro crystals of Lake Boga and Wycheproof.**
Pat Sutton, mineralogist

10.30– 11.20 **Some scientific principles involved in wine making**
David Lawson, wine maker, Balgownie wines

11.20– 11.45 Morning tea

11.45 – 1.00 **What Went Wrong and Why - the simple of Science of Food**
Anne Barton Cuisine Advisor (over lunch time BYO)

We will discuss the problems that could arise with different cooking techniques be it working with yeast, pastry, cake baking and last but not least using the indispensable kitchen gadgets which are all part of the science of cooking. Bring along your problems, taste buds, pen and paper

1.15- 2.05 **The oxygen probe . developed by this company, sold worldwide.**
Peter Crowhurst. General Manager Ceramic Oxide Fabricators Pty. Ltd. Bendigo

2.15- 3.05 **Science of catchment management**
Rohan Hogan. North Central Catchment Authority. Huntly

Wednesday 18th January 2017 - Letting IT broaden our world

9:30 – 10:30 **Computer Users Group** Venue: Room 1
This group caters for members who use computers, notebooks and tablets who wish to discuss computer issues, share experiences and help each other. The group considers members' questions and reviews developments in computer use. All levels of expertise are welcome including advanced users willing to share expertise and assist beginners get started. Bring your devices. Broadband via WiFi is available for members.

10:30 – 11:00 Tea and Coffee Break

11:00– 12:00 **Apple Users Group** Venue: Room 1
This group caters for members who wish to get more from their Apple devices: iPhones, iPads, MacBooks and Apple TVs. Everyone is welcome; we try to cater for all levels of experience including advanced users willing to assist beginners get started. Bring your Apple devices. Broadband via WiFi is available for members.

Android Users Group

Venue: Room 2

This group caters for members who wish to get more from their Android phones and tablets. Everyone is welcome; we try to cater for all levels of experience including advanced users willing to assist beginners get started. Bring your devices. Broadband via WiFi is available for members.

12:00-1:00 Lunch

1:00 to 2:00 Digital Photography Users Group

Venue: Room 1

This group caters for users who take photos with a digital camera, tablet or smart phone and want to know how to move them between devices, how to store them on a PC or in the cloud, how to do basic editing, etc. We aim to accommodate all levels of expertise from beginners to advanced users willing to help others get started. Bring your devices. Broadband via WiFi is available for members.

Photo Restoration and Digital Editing Users Group

Venue Room 2

This group caters for users and intending users of Adobe Photoshop Elements. Members discuss and demonstrate all aspects of photo restoration and digital editing and bring problematic photos to the group for advice on how to proceed. Bring your devices. Broadband via WiFi is available for members.

2:00 to 2:15 Tea and Coffee Break

2:15 to 3:15 Ebook Reader Users Group

Venue: Room 1

This group caters for members wanting to access ebooks on a tablet, phone, ebook reader or PC. Members learn about establishing accounts, borrowing ebooks from Goldfields Library, accessing Kindle, Apple iBooks, and books from other sources including repositories of copyright free books. All are welcome—beginners to advanced users willing to assist others to get started. Bring your devices. Broadband via WiFi is available for members.

Thursday 19th January 2017 - Imagine a world without engineers

9.30 – 11.00 ***Engineering and planning: Making responsible judgements for our community***

Jo Johnson

11.00– 11.30 Morning tea

11.30– 1.00 ***The future: Engineering for Sustainability***
Speaker (to be advised)

1.00 – 1.45 Lunch

1.45- 3.05 ***Responsible Waste Disposal***
Brian Stanmore

Friday 20th January 2017 – Understanding maths in our world

9.30 - 11.00 **Weaving - an introduction to designing and producing your own fabric**

Julie Hutchieson Bendigo Spinners and Weavers

Why weave? - an introduction to the endless possibilities by looking at fabric samples, woven articles, books and magazines.

How do you weave - tools, materials and equipment and an overview of the process - powerpoint presentation and a display.

Let's get weaving - a look at the straight draft possibilities, a quick lesson in using a shuttle then everyone will be able to have a go choosing their own colour and pattern and weaving it.

9.45 – 10.45 **Sudoku for beginners**

Bron Dixon

The goal of Sudoku is to fill a 9×9 grid with numbers so that each row, column and 3×3 section contain all of the digits between 1 and 9. It can be played using pen & paper or electronically. If you are interested in playing electronically, bring your Ipad. This session is designed for those with little or no experience.

11.15 -12.45 **Code Words**

Terry Davidson

'Code Words' is a varied and challenging puzzle which tests one's understanding of English words - it is structured like a crossword puzzle but there are no 'clues'. There is one letter of the alphabet given - the objective is to determine the remaining 25 letters of the alphabet.

The puzzle instructions say that it "requires inspired guesswork" but I will aim to give some strategies to help the newcomer starting on - and, maybe, getting 'hooked' on the Code Words challenge. Every puzzle is different and while there are no Rules as such, I am happy to share some of my long involvement with this intriguing puzzle.

Sample puzzles will be provided to work on in a 'hands-on' session.

11.30 – 12.30 **Games for 5 – 95 year olds**

Bron Dixon and Lex Milne

The focus on this session is to learn some games suitable to play with grandchildren to enhance various concepts of maths in games.

12.45 - 1.30 Lunch

1:30 – 3:00 **How to create computer games – an introduction**

Ben Fiegert, Kangaroo Flat Primary School

All over Victoria, school students from early Primary Years upwards are having fun creating computer games and programs. Come and see what all the excitement is about! Ben will guide us through two different online activities to get us started.

***For details of any activities please contact Jill McArthur 0427493294 or email
u3abgo@bigpond.com***



SUMMER DAYS with U3A
17th—20th January 2017

REGISTRATION FORM

Name:.....

Member No.:.....

Contact.: Ph:.....Email:.....

Cost:U3A members free / non-members gold coin donation

Tuesday 17th January ,

- 9:30 to 10:20
- 10:30 to 11:20
- 11:50 to 12:40
- 1:15 to 2:05
- 2:15 to 3:05

Science at work

- Micro crystals of Lake Boga and Wycheproof
- Some scientific principles involved in wine making
- Prospecting experiences
- The oxygen probe . Developed by this company, sold worldwide
- Prospecting experiences

Wednesday 18th January

- 9:30 – 10:30
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Letting IT broaden our world

- Computer Users Group
- Apple Users Group
- Android Users Group
- Digital Photography Users Group
- Photo Restoration and Digital Editing Users Group
- EBook Reader Users Group

Thursday 19th January

- 9:30 to 11:00
- 11:30 to 1.00
- 1.45 to 3.05

Imagine a world without engineers

- Making responsible judgements for our community
- The Future: Engineering for Sustainability
- Responsible Waste Disposal

Friday 20th January

- 9:30 to 11:00 or
- 9:45 to 10.45
- 11:15 to 12:45 or
- 11:30 to 12:30
- 1:30 to 3:00

Understanding maths in our world

- Weaving - an introduction
- Sudoku for beginners
- Code Words
- Games for 5 – 95 year olds
- How to create computer games – an introduction

RSVP Tuesday 10th January
U3A Bendigo, PO Box 274, Bendigo 3552