

# ENDEAVOUR (SOUTHERN)

**Regional Course Coordinator:** Ted Watson 9527 3689  
ej.watson@optusnet.com.au **Enquiries only**

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## SHOWCASING 30 YEARS OF U3A IN ENDEAVOUR REGION: Welcome to new members and Leaders' Showcase of Courses

**Friday 26 July 2:00 to 4:00**  
Cronulla Community Hall, Room 1  
38-60 Croydon Street, access via walkway next to shop 15

**Guest Speaker: U3A member and author Mary Small**  
Please see the **EVENTS** section for further details.

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## ENDEAVOUR (SOUTHERN) REGION OF SYDNEY U3A FIFTH TUESDAY OCCASIONAL PUBLIC LECTURE

**CLUB on EAST (formerly Sutherland United Service Club)**  
7 East Pde, Sutherland Club car park available for attendees

**Tuesday 30 July 10:15 for 10:30**  
**Guest Speaker: David White**

### Revisiting Vietnam

**Tuesday 29 October 10:15 for 10:30**  
**Guest Speaker: Les Miller**

### Me, my son and Antarctica

Please see the **EVENTS** section for further details.

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The Annual General Meeting of the Endeavour (Southern) Region of Sydney U3A has been rescheduled until Semester 1, 2020. Details will appear in the Semester 1, 2020 Sydney U3A Course Book and at [www.sydneyu3a.org](http://www.sydneyu3a.org)

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## CRONULLA SCHOOL OF ARTS

A two-storey building with two rooms upstairs in 6 Surf Rd.

### 1. Upstairs Activity Room

#### BOOK CHAT

Share aspects of your favourite book with participating members.

**First Friday of each month from 5 July 1:00 - 2:30**

Leader and bookings: Mary Small 9522 9917  
marysmall@optusnet.com.au

#### BEGINNERS SPEAKING FRENCH (16)

This course is for those members who are beginners in speaking the French language.

**Each Monday from 1 July 1:30 - 3:30**

Leader and bookings: Joan Craven 0408 978 435  
marjoan4@hotmail.com

#### BEGINNERS FRENCH (15)

This course is for those members who are beginners in the French language.

**Each Tuesday from 2 July 2:00 - 3:30**

Leader and bookings: Allanah Jarman 0497 963 231  
allanahjarman@gmail.com

#### SOLVING CRYPTIC CROSSWORDS - INTERMEDIATE (15)

This class is ideal for the less experienced solvers who already have some basic knowledge of cryptic techniques. Sharpen your cryptic crosswords solving skills as we work as a group in cracking compiler's devious yet often delightful clues. A bit of mind stretching enjoyment.

**First and Third Wednesdays from 3 July 2:00 - 4:00**

**Bookings are essential.** We encourage you to book this course online as part of our pilot project for online bookings (see further details at the front of this course book). Go to [www.sydneyu3a.org](http://www.sydneyu3a.org), or alternatively contact Rosemary De Gabriele 0404 015 807  
r.degabriele@optusnet.com.au

## BRAIN GAMES (25)

Extensive research provides growing evidence that in addition to maintaining physical fitness and eating sensibly, brain health in older people can be maintained and disease which causes dementia can be avoided or deferred. The Brain Game Project is designed to complement the physical exercise program.

**Second and fourth Friday of each month from 12 July 10:00 - 12:00**

**Bookings are essential.** We encourage you to book this course online as part of our pilot project for online bookings (see further details at the front of this course book). Go to [www.sydneyu3a.org](http://www.sydneyu3a.org), or alternatively contact Denis Paulin 0438 594 206 [d.paulin@bigpond.com](mailto:d.paulin@bigpond.com)

## OPEN MINDS (20)

A discussion group keen to tackle the harder problems in life. An opportunity to explain your point of view and learn how and why others think differently.

**Second and fourth Wednesdays from 24 July 10:00 - 12:00**

Leader and booking: Anita Spinks 0423 532 582 [anitaspinks@live.com.au](mailto:anitaspinks@live.com.au)

## LOCAL VOCALS: CRONULLA (30)

Join us to sing some of the world's vast repertoire of songs and learn a little about song-writing and written music. Not sung since school? Or not at all? Planning to join a choir? All welcome! Words and music supplied.

**Each Thursday from 25 July 10:00 - 12:00**

Leader and bookings: Anita Spinks 0423 532 582 [anitaspinks@live.com.au](mailto:anitaspinks@live.com.au)

Co Leader: Barbara Adams 0438 299 108 [beejava@outlook.com](mailto:beejava@outlook.com)

## 2. Upstairs Theatre

### EXPLORATIONS IN MUSIC

A music appreciation course covering various kinds of music from early classical, romantic, orchestral and choral through to jazz and synthesizer. We explore different countries, themes or individual composers from a range of different eras. Detailed handouts supplied. Enjoy and be challenged.

**Second and fourth Wednesdays of each month from 24 July 1:00 - 3:00**

Leader: Sam Adams 9522 9386

Bookings: Trevor Campbell 9525 6970

### POETRY IS ALIVE

Join us as we are dipping a toe into Edgar Allan Poe, or drowning in Browning. Let's jump on Mulga Bill's Bicycle together and cruise through centuries of poetry. Members are welcome to present their favourite poems, or even their own work.

**Second and fourth Thursdays of each month from 25 July 2:00 - 4:00**

Leader and bookings: Elisabeth Peters 9523 3743 or 0466 893 747 [heinzlizz@optusnet.com.au](mailto:heinzlizz@optusnet.com.au)

### ART HISTORY

This course looks at the works of world-famous artists over the centuries. Members of the class present biographies with DVD and computer presentation.

**Second and fourth Tuesdays of each month from 23 July 10:00 - 12:00**

Leader: Beverley Theodore 9532 1141 [tpl5@bigpond.com](mailto:tpl5@bigpond.com)

Bookings: Teresa Lamberton 9502 4420 [teresalamberton@hotmail.com](mailto:teresalamberton@hotmail.com)

## ASPECTS OF AUSTRALIAN HISTORY

A potpourri of Australian history presented by some class members and occasional guest speakers.

**Second and fourth Mondays of each month from 22 July 1:00 - 3:00**

Leader: Mary Small 9522 9917

Bookings: Margaret Durie 0403 391 845 [marg2229@bigpond.com](mailto:marg2229@bigpond.com) (preferred)

## ARMCHAIR TRAVELLERS

Our group meets to share worldwide travel stories and visual presentations. Members connect to the audio-visual equipment in the upstairs theatre which is lift accessible. Some members choose not to present and enjoy being the audience. Morning tea is provided for a 50 cent donation.

**First and third Wednesdays of each month from 7 Aug 10:00 - 12:00 (except school holidays)**

Leader: Kate Churcher 9523 6990 or 0433 140 900

[kchurcher2@hotmail.com](mailto:kchurcher2@hotmail.com)

Bookings: Margaret Durie: 9525 9189 or 0403 391 845 [marg2229@bigpond.com](mailto:marg2229@bigpond.com)

## BALLET ON SCREEN (40)

The proposed program for this semester is:

- *Sylvia* (Royal Ballet)
- *Coppelia* (L'Ecole de Danse de L'Opera National de Paris)
- *The Two Pigeons* (Royal Ballet)
- *La Fille Mal Gardee* (Basle Ballet)
- *Wolf Works* (Royal Ballet) (in 3 parts with 3 of the above)
- *The Merry Widow* (Australian Ballet)

**Third Monday of each month from 19 Aug 1:30 - 4:00**

Leader: Jean Singleton-Turner 9525 6084

[jsingleton7@bigpond.com](mailto:jsingleton7@bigpond.com)

Secretary and bookings: Marina Saunders 9527 4564 [marinthers@gmail.com](mailto:marinthers@gmail.com) (preferred)

## COMIC OPERA (40)

For both beginners and aficionados of light opera. A brief talk will precede a sub-titled on-screen performance, abridged to fit the time slot when necessary. The proposed program is:

- *Die Zauberflote (The Magic Flute)* (Mozart)
- *Il Barbiere di Siviglia (The Barber of Seville)* (Rossini)
- *La Fille du Regiment (The Daughter of the Regiment)* (Donizetti)

**Tuesdays: 3 sessions on 2 July, 6 Aug, 20 Aug 1:00 - 4:00**

Leader and bookings: Jean Singleton-Turner 9525 6084

[jsingleton7@bigpond.com](mailto:jsingleton7@bigpond.com)

Secretary and bookings: Rosemary Backhouse 9546 5373 [backhouse.rosemary@gmail.com](mailto:backhouse.rosemary@gmail.com) (preferred)

## PATHWAYS TO THE GODS

We're looking into the beginning of Christianity by reading the New Testament and other ancient documents from surrounding cultures, including their mystery religions, to create a biography of Jesus. How relevant are his sayings and parables today?

**Second and Fourth Tuesdays from 23 July 12:30 - 2:30**

Leader and bookings: Jacques Goldman 9518 6741

## AT THE CINEMA - BURT LANCASTER

Explore the life and career of actor/producer Burt Lancaster through talks, viewing his major movies and discussion

**First and third Thursdays of each month from 18 July 1:30 - 4:30**

Sessions will start at 1:30pm but vary in length depending on the movie.

Leader and bookings: Robert Englund 8521 7540  
r.englund@optusnet.com.au

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## CRONULLA COMMUNITY HALL

38-60 Croydon St Meeting room 1. Access via walkway next to shop 15.

### FRENCH FOR INTERMEDIATE SPEAKERS (16)

Intermediate-level French, basic knowledge required. Revive your grammar, practise your conversation skills, and enjoy reading French texts. Have fun in a relaxed learning environment.

**Each Monday from 22 Jul 2:00 - 3:30**

Leader and bookings: Susan Molloy-Johnson 9546 5170  
twotwelves@outlook.com

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## GYMEA COMMUNITY CENTRE

39 Gymea Bay Rd. Enter from Talara Road.

### AUSTRALIA OUR LAND (15)

Using books and videos from the library we study and discuss the environmental, geographical, historical and cultural aspects of our wonderful country.

**Each Wednesday from 24 July 10:00 - 12:00**

Leader: Angela Balding 9524 2018  
Bookings: Leona Harris 9522 3225

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## GYMEA COMMUNITY HALL

31-33 Gymea Bay Rd. Enter from Talara Rd.

### CREATIVE WRITING

Fun with words. From a selection of topics, express yourself in the format of your choice in either prose, poetry or essay.

**Alt Mondays from 01 July 10:00 - 12:00**

Leader: Ann O'Connor 0424 968 380 annoc@tpg.com.au  
Bookings: Sandra Keller 9540 1194 or 0417 134 210  
kellers@aanet.com.au

### MIDDLE EASTERN DANCING

The oldest dance form for women explored and expressed to traditional music. A great way to keep fit and have fun. If you can walk you can dance.

**Each Monday from 01 July 1:30 - 3:00**

Leader: Faye Green 9521 6575  
shalinabd@bigpond.com  
Bookings and Secretary: Wendy Lobwein 9527 4696  
wendy.rae.lob@hotmail.com

## DRAWING (20)

Member-driven art classes where we employ various styles and mediums. Includes visits to art exhibitions.

**Each Tuesday from 02 July 1:00 - 3:00**

Joint Leader: Stephen Churm 9589 0413 or 0411 500 380  
foam33@optusnet.com.au  
Joint leader: Janice Russell 9527 1965 or 0418 422 752  
barrie.edgar@bigpond.com  
Bookings: Pam McGrath 9524 4346  
mcgrath.ffss@gmail.com

### DISCOVERING ART

This class will discuss the different aspects of art from architecture to sculpture with art related topics. We will also look at your favourite artists. Visits to art galleries are a regular highlight.

**First and third Tuesdays of each month from 06 Aug 10:00 - 12:00**

Leader: Marie Paterson 9524 0279  
Bookings: Margaret Wilkes 9523 1614  
margiewilkes@live.com.au

### SOLVING CRYPTIC CROSSWORDS: A BEGINNERS COURSE (12)

Do you enjoy puzzles but have always found cryptic crosswords totally unfathomable? Discover the rules and techniques that underpin cryptic clues. In this 8 week course, we'll work through lots of examples. Enjoy solving setters' crafty clues. Great for the brain and lots of fun.

**Each Thursday from 11 July 2:00 - 4:00**

Leader and bookings: Rosemary De Gabriele 0404 015 807 (preferred) r.degabriele@optusnet.com.au

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## HURSTVILLE LIBRARY

Dora Rd. Miles Franklin Room

### DISCUSSION GROUP (15)

Each attendee has 5 uninterrupted minutes to present their experience, research and findings on a predetermined topic, usually current affairs. Group discussion follows until the topic is exhausted and afternoon tea with more social conversation sees the meeting out.

**Second and fourth Tuesday of each month from 09 July 1:00 - 3:00**

Leader: Andrew Maclean 9543 2539  
aach.maclean@optusnet.com.au  
Bookings: Garry Griffiths 0468 809 332  
margig@ozemail.com.au

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## KOGARAH SENIOR CITIZEN HALL

2 Taylor St

### GERMAN CONVERSATION

Intermediate to advanced conversational German.

**Second and fourth Thursdays of each month from 25 July 10:00 - 12:00**

Leader and bookings: Helmi Albrecht 9597 6628 or 0412 635 976 helmi.albrecht@gmx.de

## MIRANDA COMMUNITY CENTRE

93 Karimbla Rd

### AUSTRALIAN HISTORY DISCUSSION GROUP

Talks on any aspect of Australian history. Topics and talks chosen and given by group members who are prepared to do so.

**First and third Wednesdays of each month from 03 July 1:30 - 3:30**

Leader: Janice Stokes 9543 1296 or 0418 415 249  
stokesj@optusnet.com.au

Bookings: Elizabeth Donovan 9524 9488

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## MIRANDA: WESTFIELD

Crossroads Community Centre new rooms. Cnr Kiora Rd and Kiora Lane. Entrance from Kiora Lane. Ring bell to gain entry. Parking available.

### THE RISE AND FALL OF ANCIENT CIVILISATIONS AND EMPIRES (15)

In-depth study of the rise and fall of civilisations and empires from ancient to modern times by way of reading, discussion and TV documentary (when available). Class members are invited to suggest topics and otherwise contribute to the group, if they wish to do so.

**Each Tuesday from 09 July 10:00 - 12:00**

Joint Leaders: Margaret McDonnell 9553 0489 or 0422 619 267 mmcdonnell@tpg.com.au and Olga Bondarenko 9529 7314 olgab@ozemail.com.au  
Bookings: Dorothy Dalyell 9520 5563  
ddalyell@bigpond.com

### MODERN HISTORY (10)

Tracing the development of nations from the Middle Ages to the present day. Members are encouraged to contribute information gained by research and discussion. A video relating to the subject is shown at each meeting.

**Each Thursday from 11 July 10:00 - 12:00**

Leader: Elizabeth Torok 0422 557 457 emtor12@gmail.com  
Bookings: Yvonne Muntz 9544 1122 or 0432 942 527

### FRENCH INTERMEDIATE (18)

Covers grammar, vocabulary, listening, conversation and dictation. Use will be made of printed and audio material.

**Each Monday from 22 July 10:00 - 12:00**

Leader: Bill Leach 9579 1251 or 0413 691 373  
billnell2@optusnet.com.au

Bookings and Secretary: Howard Nguyen: 9533 2772 or 0415 191 927 hnguyen49@optusnet.com.au

### FRENCH CONVERSATION (18)

A small group participates in French conversation with an emphasis on correct pronunciation and fluency.

**Each Monday from 22 July 12:00 - 1:00**

Leader: Bill Leach 9579 1251; 0413 691 373  
billnell2@optusnet.com.au

Bookings and Secretary: Howard Nguyen: 9533 2772 or 0415 191 927 hnguyen49@optusnet.com.au

## OATLEY LIBRARY

26 Letitia St

### ITALIAN LANGUAGE AND CULTURE

Focuses on speaking, writing, listening and reading Italian at survival level or better, depending on the class. We explore grammar, literature, poetry, history, art, tourism, songs, opera themes, and recipes. Classes are in English and Italian depending on the topic and the class.

**Each Thursday from 01 Aug 10:00 - 12:00**

Leader: John Della Torre 8544 1758

Bookings: Judy Bassford 9527 2931

judybassford7@gmail.com

### ART FOR ENJOYMENT (16)

This is an art group that meets once a week to enjoy our own art. There are no formal lessons as each of us likes to do our own form of art. We have beginners to serious artists and find that we learn by helping each other.

**Each Wednesday from 24 July 2:00 - 4:00**

Leader and bookings: Doreen Kellett 9525 0531 or 0407 276 416 doreenkellett@live.com.au

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## SANS SOUCI LIBRARY

104 Russell Ave

### MINDFULNESS (25)

Presented by Grace Thomas. Mindfulness enhances awareness of self in relation to others, including the environment, which in turn informs and empowers you with knowledge/insight, enabling self regulation (of your thoughts, emotions and behaviour).

**Wednesdays 21 Aug, 25 Sept and 23 Oct 1:00 - 2:30**

Leader and bookings: Anna Winter 9553 0445 or 0449 673 144 enquiries only. annau3a@gmail.com (preferred)

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## SOUTH HURSTVILLE LIBRARY

1 Allen St Hurstville

### DISCUSSION GROUP (15)

Our friendly group enjoys stimulating and serious discussion on current affairs and a variety of subjects. There is controversy, reminiscing and usually lots of laughter.

**Each Monday from 01 July 10:00 - 12:00**

**Bookings are essential.** We encourage you to book this course online as part of our pilot project for online bookings (see further details at the front of this course book). Go to [www.sydneyu3a.org](http://www.sydneyu3a.org), or alternatively contact Denis Paulin 0438 594 206 d.paulin@bigpond.com

### AWARD-WINNING NOVELS (15)

Friendly group meeting, to discuss award-winning novels, or novels any one of the group thinks should have won an award!

**First Wednesday of each month from 03 July 10:30 - 12:30**

Leader: Pat Copping 9529 6791 or 0432 345 501  
18gingie@gmail.com

Bookings: Gloria Thompson 0403 899 349  
thompson.gloria37@gmail.com



## WRITING CREATIVELY (12)

A small friendly self-help group where you can develop your writing skills and share your stories and life experiences. Beginners welcome.

**First and third Tuesdays of each month from 06 Aug 1:30 - 3:30**

Leader: Yvonne Tracey 9587 3245 or 0415 327 313

yvonne.calling1@bigpond.com

Bookings: Patricia Skinner 0497 054 981 or 9547 0406 donleyton10@gmail.com

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## SUTHERLAND CLUB ON EAST

7 East Pde Club Coffee Shop.

### CRIME READERS GROUP

In depth discussion about listed book and author; all input is welcome. The reading list is compiled at the end of each year by the Leader in consultation with members. Authors from all over the world are included. This is a friendly, social and intelligent group.

**First and third Tuesdays of each month from 02 July 10:15 - 12:00**

Leader: Carol Dawson 0405 311 749

carousel43@bigpond.com

Secretary and bookings: Carolyn Schinazzi 9525 7617 or 0433 574 990 carolandreno@gmail.com

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## SUTHERLAND CROQUET CLUB

Rawson St.

### INTRODUCTION TO CROQUET

Short introductory series of 3 x 2 hour free lessons of Golf Croquet. A fun game requiring both strategy and physical techniques. Wear comfortable clothing and flat soft soled shoes (sneakers). Bring water, hat and possibly sun glasses. Equipment is provided.

**Thursday 11, 18, and 25 July 10:00 – 12:00am, arriving at 9:45**

Leader and bookings Penny Howarth 0411 180 050

pennyhowarth2@gmail.com

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## SUTHERLAND LEISURE CENTRE

1 Rawson Ave Committee Room.

### ASPECTS OF ARCHAEOLOGY (16)

There is a video each meeting on archaeology followed by reading from articles relating to archaeology, plus afternoon tea.

**First and third Friday of each month from 05 July 2:00 - 4:00**

Leader and bookings: Mary Armstrong 9567 0995

## SUTHERLAND LIBRARY

Belmont St. Committee Room.

### ART - SKETCHING (15)

Learn quick observational sketching. Illustrate your journal of memorable sights and occasions. Using only pencil, pen and watercolours, because we also, on weekends, frequently venture outdoors or join other sketch groups. We are the ShireSketchers, sharing and helping each other to practise urban sketching.

**Every Thursday from 04 July 10:00 - 12:00**

Leader: Peggy Annabel 0402 354 968 or 9528 3391

peggy.annabel@bigpond.com

Bookings: John Wu 0413 694 883 j54316@hotmail.com

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## YOWIE BAY: WATERBROOK LIFESTYLE RESORT

19 Wyralla Rd.

### MUSIC FOR PLEASURE: THE CLASSICAL ROMANTICS (20)

Music appreciation: classical and romantic periods.

**First and third Tuesdays of each month from 02 July 2:00 - 4:00**

Leaders: Joan Bolton 9541 3016 or 0416 143 077

boltonjoan@hotmail.com

and Bob Hallahan 9594 0214 jacobob@optusnet.com.au

Bookings: Chris Jenkins 9529 4444

chrisjenk66@hotmail.com

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## OUT THERE

### U3A ENDEAVOUR CAMPUS WALKERS

Bush Rambles and Sydney by ferry and foot. Routes previously walked by walk leaders. Walks described in our programs to indicate degree of difficulty. A 4-5 day social walking holiday held annually. Members are encouraged to participate in as many activities as possible. An annual administrative fee of \$10 is applicable.

**Each Thursday from 04 July - variable meeting times**

Leader: Bill Hunt 9521 2016

ara2233@yahoo.com (preferred)

Bookings: June Symes 9524 2817

jsymes6@gmail.com (preferred)

### WALKING IN SYDNEY AND SURROUNDS (35)

A variety of walks around all areas of Sydney and surrounds ranging from medium level to easier bushwalks, track and street walks, going to beautiful and interesting places, whilst enjoying good company in the outdoors. We welcome members from all U3A regions to come and join us.

**Alt Fridays from 5 July 8:30 - 3:00 (variable times)**

Leader, coordinator and bookings: Graham Lee

9546 7994 or 0490 464 928 tonilee91@gmail.com

## WALKING AROUND SYDNEY (40)

A variety of walks around all areas of Sydney and surrounds ranging from easy to medium/hard bushwalks, track and street walks. Members from all U3A regions are welcome.

### Alt Fridays from 12 July (variable times)

Leader: Wendy Donelan 0402 495 739;  
wdonelan54@gmail.com

Secretary and bookings: Jennifer Hawkins 9533 6470  
jenniferhawkins798@gmail.com (preferred)

## U3A SYDNEY STRIDERS (35)

A variety of walks of Sydney and surrounds ranging from easy to difficult grade bush, track and street walks, going to beautiful and interesting places, with good company. Various locations and times as per program.

### Alt Wednesdays from 10 July - approx 9:am start

Leader: Penny Howarth 0411 180 050  
pennyhowarth2@gmail.com

Secretary and bookings: Rosanne Burkhart 0413 128 967

## LUNCH A LOT WITH STYLE (25)

Share good food and conversation with others who enjoy eating out. We visit inexpensive restaurants which are chosen by group members so we can experience a variety of cuisines. All venues will be close to public transport. Members pay for their own meals and corkage; the laughter is free.

### First Thursday of each month from 01 Aug 12:30

Leader and bookings: Anna Winter 9553 0445 or 0449 673  
144 enquiries only annau3a@gmail.com (preferred)

## HARVESTING IN THE SUBURBS AND SURROUNDS (15)

Monthly visits to community vegetable gardens in Sydney suburbs or surrounds. Gardens within walking distance of public transport. Bring lunch and a gold coin for garden entry. Members will be advised monthly of day, date and meeting place. Days may vary depending on garden opening time.

### Commencing Wednesday 10 July

Leader and bookings: Joan Collins 9521 3269  
(enquiries only) joancollinsau@gmail.com (preferred)  
Assistant Leader: Robyn Kemp 9520 4740 (enquiries only)  
robynbillk@yahoo.com.au (preferred)

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## PRIVATE HOMES

### BOOK BANTER (GyMEA) (12)

A wide variety of books are chosen by the members of the group and one book is discussed each month.

### First Friday of each month from 05 July 1:30 - 3:00

Leader and bookings: Vicki Hann 0419 482 254  
vickihann@hotmail.com

### HEALTHY RELAXATION MEDITATION (Kogarah) (12)

Healthy life, relaxation through meditation. Learn to sit in the stillness and find your inner place to unfold your blueprint for life 'know thyself'.

### First and Third Tuesdays of each month from 06 Aug 1:30 - 3:30

Leader and bookings: Anna Winter 9553 0445 or 0449 673  
144 annau3a@gmail.com

## PHOTOBOOKS FOR ABSOLUTE BEGINNERS (GyMEA) (6)

Have you wanted to make a photobook, but just needed a nudge to get started? Watch how to use a computer program, which is freely available. We'll discuss how to choose the book type, covers, theme, layouts, text and embellishments. This will be very basic, so suitable for true "photobook beginners"! A knowledge of basic computer skills is assumed.

### Monday 22 July 10:00 - 12:00

The date for an optional follow-up session will be decided with participants on the day.

Leader and Bookings: Jill McLelland 9524 6506 or  
0423 381 665 jillu3a@outlook.com

## GRANDPARENTS SHARE FUN IDEAS (Lilli Pili) (10)

Come and demonstrate something you love to do with the grandchildren. It could be food, craft, an experiment etc but ideally something healthy, educational and fun!

### Monday 12 Aug 10:00 - 12:00 noon

Co-Leaders Anita Spinks 0423 532 582  
anitaspinks@live.com.au and Jill McLelland  
Secretary and Bookings: Jill McLelland 9524 6506  
jillu3a@outlook.com

## INTERESTING ISSUES AROUND SCIENCE (GyMEA) (40)

### Three Thursdays 10:00 - 12:00

Leader for all sessions: Gordon McLelland  
Bookings for all sessions: Jill McLelland 9524 6506  
jillU3A@outlook.com

#### 1. Stem Cells and the Future

What are stem cells and how are they used in research and personalised medicine? Hear about CRISPR genome editing technology and its potential to cure genetic disease, create better bio-fuel and bring species back from extinction! **Thursday 18 July 2019**

Speaker: Tamara Treleven

#### 2: Evolution of the Universe: from quarks to atoms to stars and planets

How did the universe develop from the simple (Big Bang) to the complex (humans)? Where did the elements of life come from? How did planets form? These and other Big Questions will be addressed using science.

**Thursday 8 August 2019** Speaker: Ian Bryce

#### 3: Two Spectacular Archaeological Discoveries

The Riace Bronzes are two seven-foot-tall Greek sculptures from 450 BC discovered off southern Italy in 1973. The Iceman is a mummy from 3000 BC discovered in the Italian Alps in 1991. Both caused a sensation when they were found.

**Thursday 31 October 2019** Speaker: Gordon McLelland