

Commissioner for Children and Young People Western Australia

Using technology and social and media for student mental health and wellbeing: Key evidence-based tools and apps for students

Department of Education

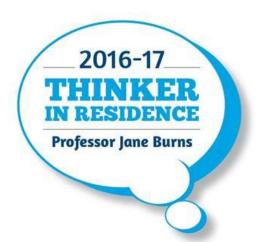
14 March 2017







Commissioner for Children and Young People Western Australia



Professor Jane Burns

2016-17 Thinker in Residence



21st Century Mental Health

// Safe. Healthy. Resilient.



LEGACY OF THE YOUNG AND WELL CRC

Australia-based, international research centre.

75+ partner organisations.

Researchers, practitioners, policy-makers and innovators across the academic, non-for-profit, government and corporate sectors.

Working in partnership with young people.

Exploring new technologies to promote cybersafety, mental health and wellbeing.

Three research programs.

Part of the Australian Government's Cooperative Research Centres Program, tackling challenges requiring medium to long-term collaborative efforts.

// THE CURRENT SITUATION

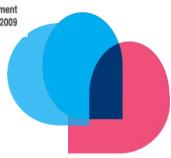
Suicide is the leading cause of death for young people aged 15 to 24 years.







Two in five young people have tried illicit substances. Australian Government Office for Youth, 2009 One in three sexually active young people have felt forced to have sex. Australian Government Office for Youth, 2009



What does the latest research say?

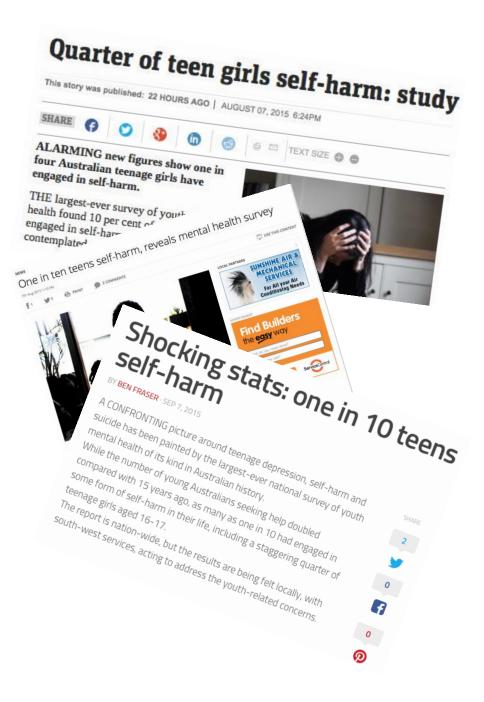
d:Si

The Mental Health of Children and Adolescents Report on the second AUSTRALIAN CHILD AND ADOLESCENT SURVEY OF MENTAL HEALTH AND WELLBEING



http://www.health.gov.au/internet/main/publishing. nsf/Content/mental-pubs-m-child2





Current situation

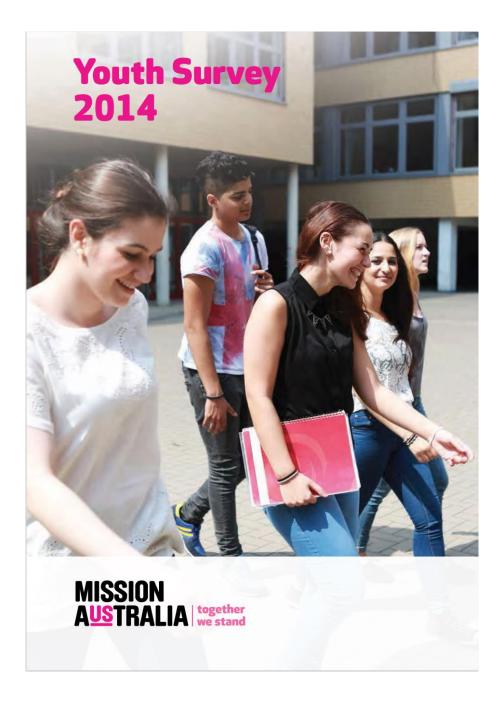
- Largest-ever survey of youth mental health
- The two-year survey of 6300 families
- 1 in 7 children experienced a mental disorder
- 1 in 10 self harming
- 15% of 16-17 year old girls suicidal ideation
- One in 40 actually attempted it.

Conclusion about current situation

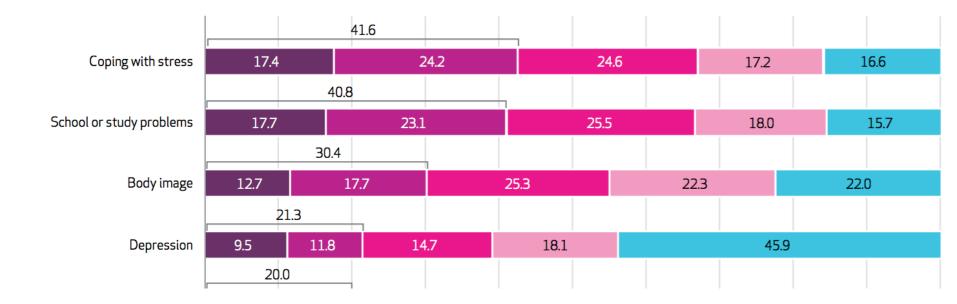


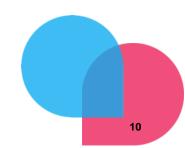
Hundreds of thousands of Australian children and teenagers are experiencing serious mental health issues, but many parents have no idea what is going on, according to a groundbreaking national survey.

- Situation hasn't changed much since last survey
- If we keep doing the same thing...
- Only a small number of young people actively manage their wellbeing or engage in early help-seeking behaviour
- Technology may hold the answer



Results: Issues of personal concern to young people 2014





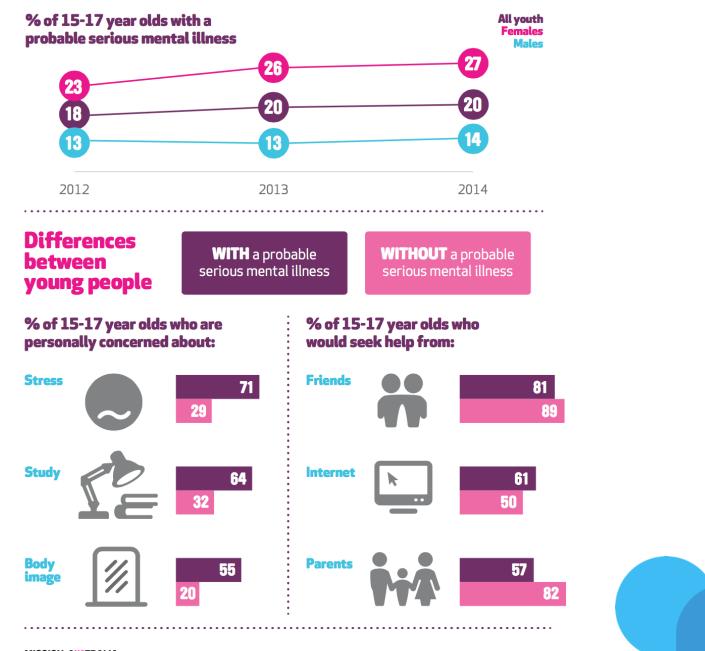
Young people's mental health over the years

Youth Survey 2012-14









MISSION AUSTRALIA

Self Harm Amongst Australia's Youth

Orygen, The National Centre of Excellence in Youth Mental Health 2016



In 2013-14 over 9000 young people were hospitalised due to self harm Hospitalisation rates for Women are Nearly **2.5 time** higher than Men

INDIGENOUS AUSTRALIANS aged 15-24 are 5 TIMES MORE likely to be hospitalised



THE OPPORTUNITY

75% of mental illness emerges before age 25

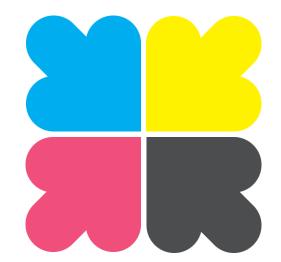
(Kessler, 2005).

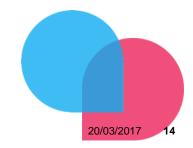
80% males and **70%** females aged 16 to 24 do not seek help (Australian Bureau of Statistics, 2008, National Survey of Mental Health and Wellbeing: Summary of Results, 2007. Cat No 4326.0).

99% of young people are online daily

(Young and Well National Survey, 2012).

The combination of these factors present a unique opportunity to use technologies to enhance mental health and wellbeing.





HOW YOUNG PEOPLE USE THE INTERNET

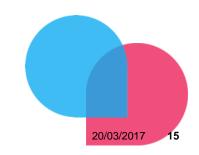
"Almost all Young Australians are online everyday or almost everyday"

99% of Australian young people 16-25 use the internet

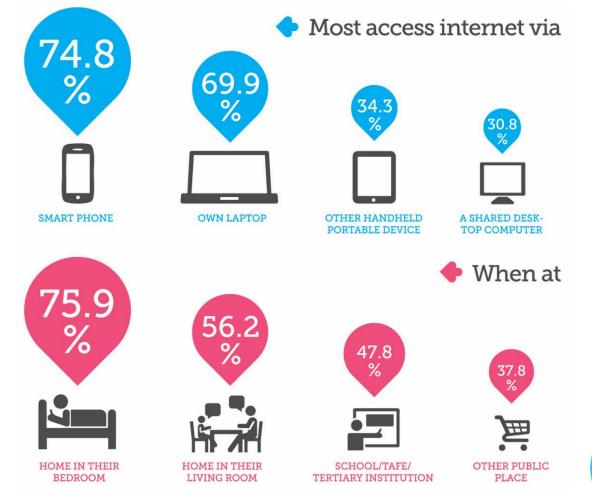
95% Use everyday or almost everyday

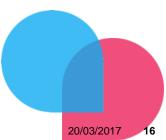


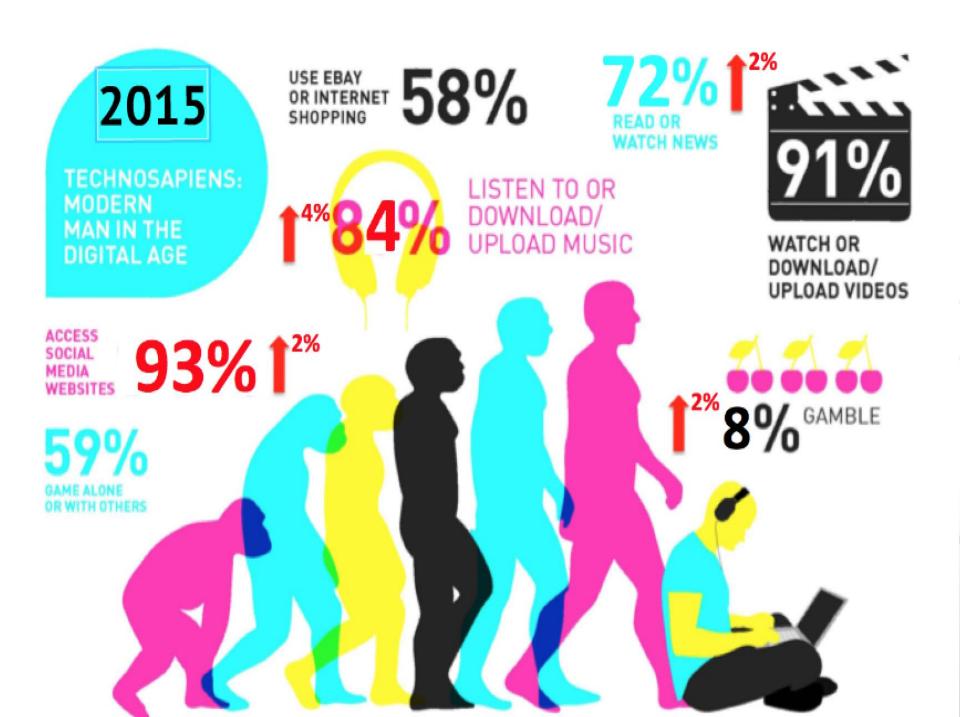
Most are online but about are online **2-4 hrs** a day **20% 5+hrs**



HOW YOUNG PEOPLE USE THE INTERNET



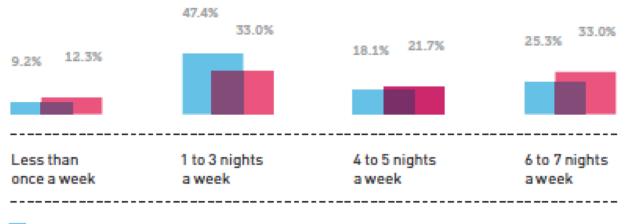




<u>'GAME ON'</u>

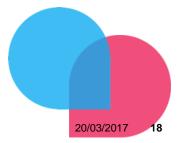
Frequency of internet use after 11:00pm

"33% of young men experiencing 'moderate' to 'very high' psychological distress are online six to seven nights a week after 11.00pm."



- 'no or low' psychological distress
 - 'moderate' to 'very high' psychological distress

Burns et al., 2013



OUR YOUTH BRAINS TRUST

The Youth Brains Trust is a group of enthusiastic and committed young people from around Australia, who are passionate about improving their own wellbeing and that of their peers.

WHY TECHNOLOGY MATTERS

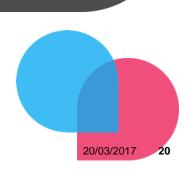
Our 'real world' is both online and offline

It's how we communicate

Computers have been a part of our entire lives

Provides flexibility and confidentiality

How do we move from a focus on technology as a risk to technology as an opportunity?



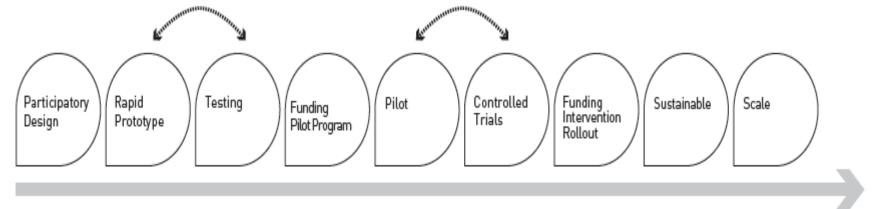
According to our Youth

Brains Trust

"Participatory design offers an evolving set of critical, conceptual and practical tools to support the active participation of users in the design of different systems, services and products" Hagen et al., 2012

YOUNG PEOPLE AS PARTNERS IN RESEARCH





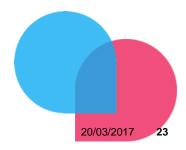
Research and Development Pipeline

Deployment

MYASSESSMENT

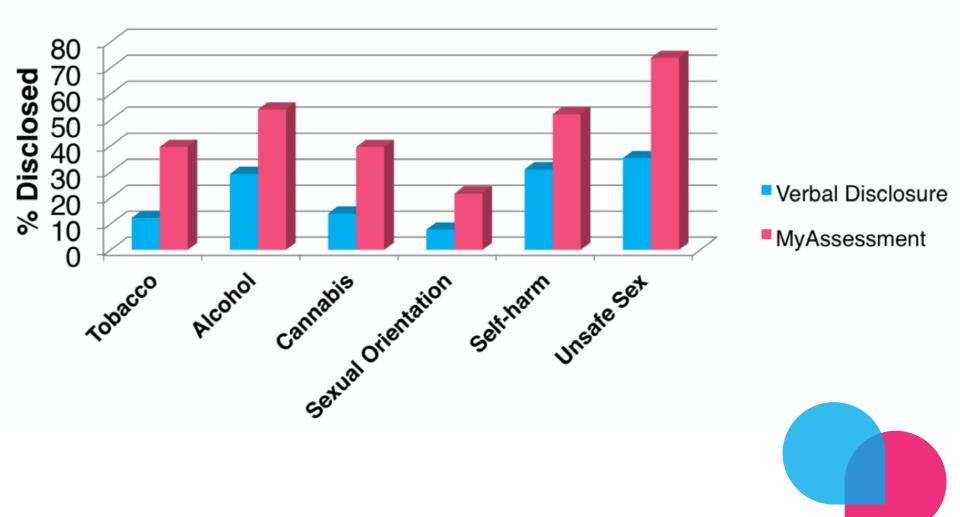
// Lets get you started!

myAssessment	E
Which of the following best describes how you think of your sexual preference?	yourself in terms of ()
Heterosexual/straight	
Lesbian	
Gay	
Bisexual	
Questioning (not sure if you are straight, gay, lesbian or bisexual)	
Other (please specify):	
	elle state i state
Previous 1/16	Don't want to answer Next



MYASSESSMENT

// How Technology Can Help

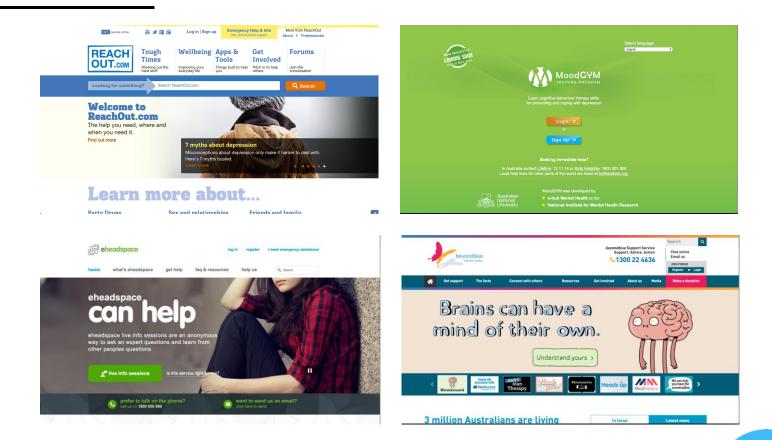


<u>CHALLENGES IN SCHOOL MENTAL</u> <u>HEALTH //</u>

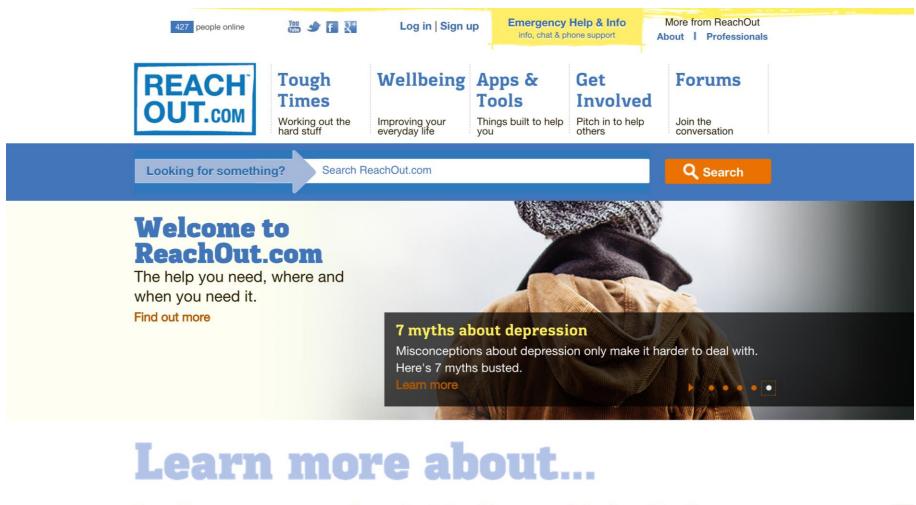
- HELP SEEKING // Why don't young people seek help? Is user driven screening appropriate? What does online triage look like?
- ENGAGEMENT// Can young people be partners in care? What would an empowered young person manage online?
- RIGHT CARE AT THE RIGHT TIME// Are social networking, gaming, digital content creation, mobile applications and virtual worlds a valid and reliable tool to promote care?
- WORKFORCE CAPACITY// What role can technology play in rural, remote and regional communities and in vulnerable populations? How do you up skill a workforce in the use of ICT?

"It was 1.30am; I was desperate and had nowhere to turn. I somewhat sarcastically went to Google and typed in 'help'. The Reach Out site was the first result."

HOW TECHNOLOGY CAN HELP



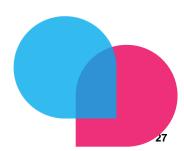
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Party Drugs

Sex and relationshins

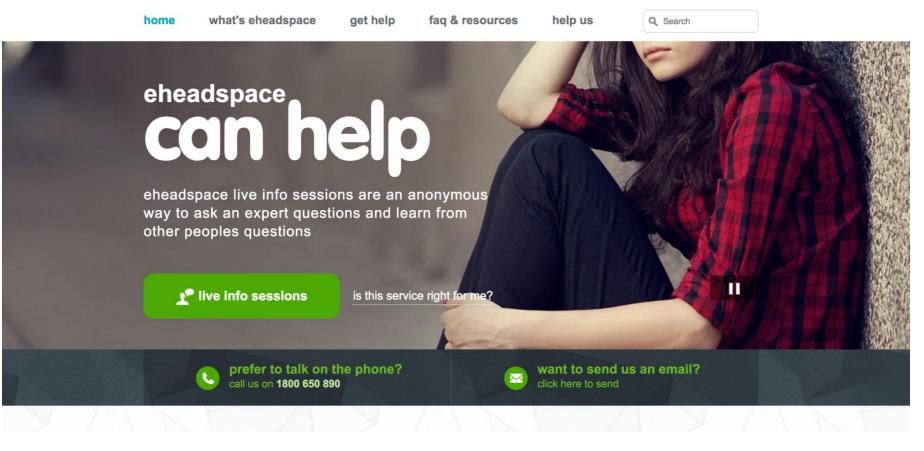
Friends and family

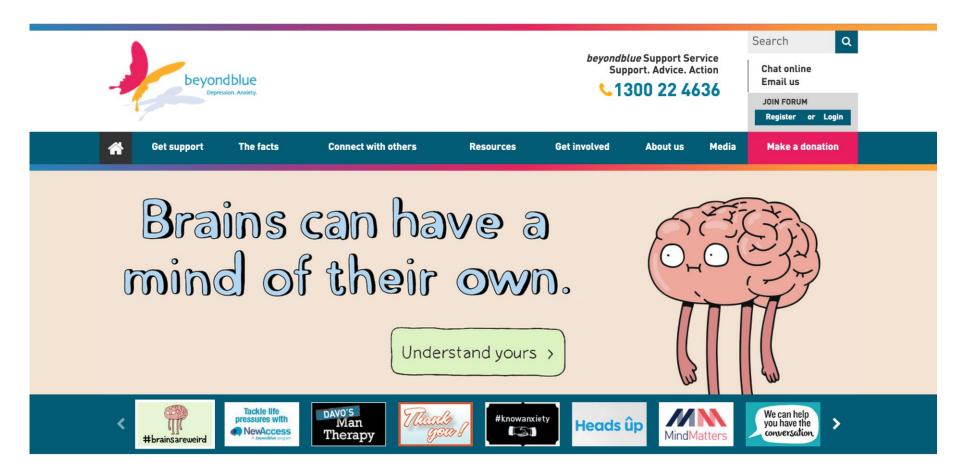




log in

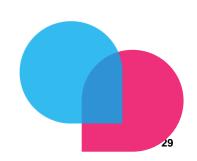






3 million Australians are living

In focus Latest news



New Mo	odGYM
	6 SOON
Click to	-

	Select language: English	•
cognitive behaviour therapy skills venting and coping with depression		
Login >		
Sign Up >		
Seeking immediate help?		
<u>ifeline</u> : 13 11 14 or <u>Kids Helpline</u> : 1800 her parts of the world are listed at <u>befrien</u>		

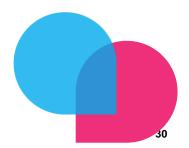


MoodGYM was developed by

for preventing and copir

In Australia contact Lifeline: 13 11 14 Local help lines for other parts of the w

- **e-hub Mental Health** at the
- National Institute for Mental Health Research



Smartphone app 1 Recharge

YOUNGANDWELLcrc

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YOUNG MEN'S INTERVENTION

// Can we chat about getting enough sleep and exercise?

Young Men's Intervention involves the development of a mobile phone app designed to improve young men's wellbeing by helping regulate the sleep/wake cycle through a six week program.







Recharge – Sleep Well, Be Well (free)

- A personalised six-week program that helps improve the wellbeing of young people by focusing on four key areas
 - A regular wake and sleep time each day, achieved gradually over six weeks
 - An alarm clock that triggers fun activities designed to get you up and out of bed
 - Increasing exposure to daylight early in the day, to help reset the body clock
 - Encouraging increased physical activity, especially within two hours of waking up.



Smartphone app 2 WorryTime

YOUNGANDWELLcrc

84 35 H 31 42 85 32 35 H 12 35 H 12 35 H 13 35 14 35 H 35 32 14 35 H 35 35 14 35 1

An Australian Government Initiative

Reachout WorryTime

ReachOut WorryTime

View More by This Developer

Open iTunes to buy and download apps.



By ReachOut Australia

View in iTunes

Free

Category: Health & Fitness Released: May 11, 2015 Version: 1.0.4 Size: 20.5 MB Language: English Seller: ReachOut Australia © ReachOut 2015 Rated 4+

Compatibility: Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch. This app is optimized for iPhone 5, iPhone 6, and iPhone 6 Plus.

Customer Ratings

We have not received enough ratings to display an average for the current version of this application.

More iPhone Apps by ReachOut Australia

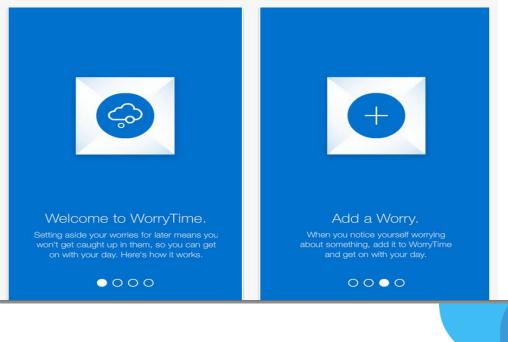
Description

Everyone has worries pop into their head from time to time, but sometimes they won't go away and start to impact your everyday life.

ReachOut Australia Web Site + ReachOut WorryTime Support +

...More

iPhone Screenshot



WorryTime

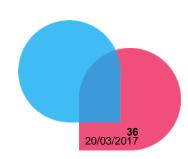
ReachOut WorryTime

By ReachOut Australia

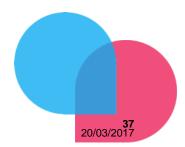
Open iTunes to buy and download

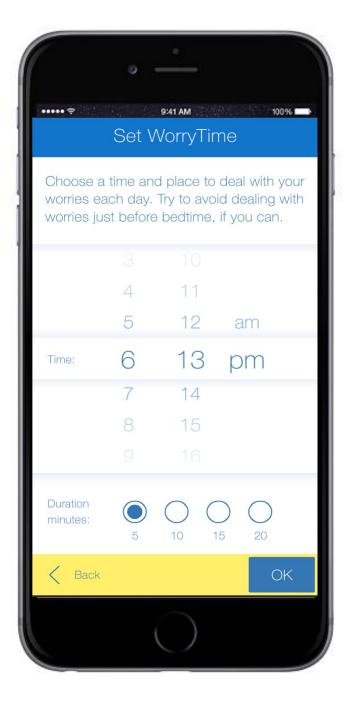


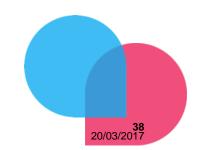
- Free mobile app that gives young people a place to store their worries and alerts them when it's time to think about them. When a worry no longer matters to them, they can ditch it and move on.
 - Manage their stress levels
 - Helps them feel more in control of their anxiety or stress
 - Develop a regular and effective method of dealing with day-to-day worries
 - Feel less overwhelmed

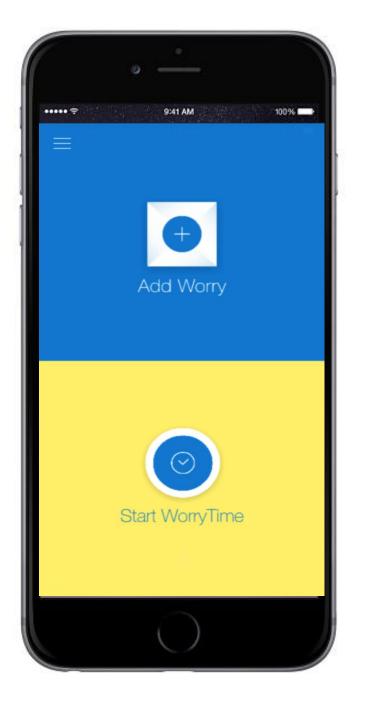


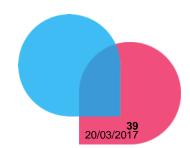


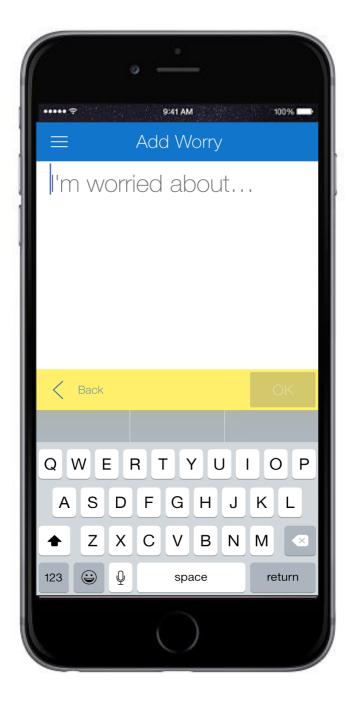


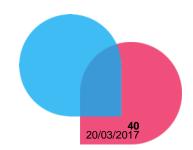




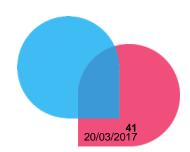












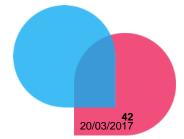
Worry Added

9:41 AM

100%

Great! Your worry is now safely stored away until WorryTime. Bring your attention back to the present and get on with your day.

> OK



Smartphone app 3 Breathe

YOUNGANDWELLcrc

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An Australian Government Initiative

ReachOut Breathe

ReachOut Breathe

View More by This Developer

By ReachOut Australia

Open iTunes to buy and download apps.



App for iPhone

Description

ReachOut Breathe helps you reduce the physical symptoms of stress and anxiety by slowing down your breathing and your heart rate with your iPhone or Apple Watch.

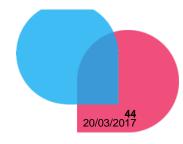
c ...

ReachOut Australia Web Site + ReachOut Breathe Support +

. . . .

...More





ReachOut Breathe

ReachOut Breathe

By ReachOut Australia fe Open iTunes to buy and download a



- slowing your heart rate can increase this Developer feelings of calmness in your body
- using simple visuals, Breathe helps people control their breath and measures your heart rate in real-time using the camera in your phone.
- lets you address the onset of physical symptoms of stress, like shortness of breath, increased heart rate and tightening of the chest
- Controlling breathing and heart rate
- Increasing sense of calm and ease the physical symptoms of stress in real-time.

ReachOut Breathe

ReachOut Breathe

View More by This Developer

By ReachOut Australia • After installing Breathe, they can customise Open iTunes to buy and download apps. Settings to suit them.



- Set up their preferred breathing time and measure their baseline heart rate using their iPhone.
- It's simple to use and can be accessed at any time from your mobile or Apple Watch.
- Whether it's on the way to a game, before an exam or part of a daily ritual – it's the support they need to help cope with the onset of panic or anxiety.

Smartphone app 4 Music e-scape

YOUNGANDWELL crc

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An Australian Government Initiative

View More by This Developer

Music eScape

By Young and Well Cooperative Research Centre

Open iTunes to buy and download apps.



View in iTunes

Description

Do happy songs annoy you when you're feeling angry? Ever wondered why you feel depressed when you listen to dark music?

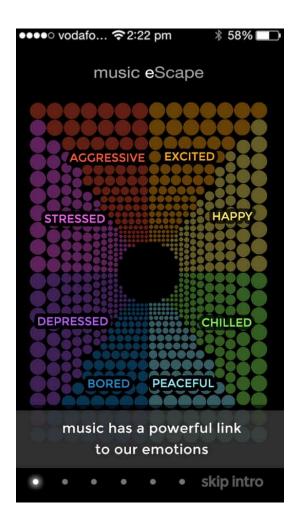
Young and Well Cooperative Research Centre Web Site Music eScape Support

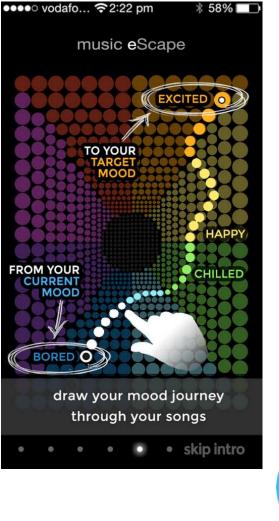
...More

iPhone Screenshot



music eScape







music eScape



music eScape prompts young people to:

- Resort to *music* for emotion regulation
- Be mindful and aware of their emotions
- Set an 'emotional goal'
- Explore how different music affects their emotional states
- Track their moodshifts over time



Smartphone app 5 The Check In

YOUNGANDWELL crc

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An Australian Government Initiative

The Check-in

Youthbeyondblue The Check-in

View More by This Developer

By beyondblue

Open iTunes to buy and download apps.



Description

The Check-in app was designed by beyondblue and Two Bulls in consultation with young people to help take the fear out of having a conversation with a friend who might be struggling. This is often not an easy conversation to have and the Check-in app provide building blocks for how you would approach your friend and give you a

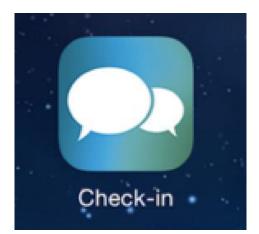
beyondblue Web Site
Youthbeyondblue The Check-in Support

What's New in Version 1.0.12

Minor bug fixes



...More



- developed by beyondblue
- aims to give young people the skills, knowledge and some specific strategies to have conversations with their friends about mental
- Provides a tailored, step-by-step "check-in" plan so they can systematically look after friends that they are worried about.
- allows young people to review how the conversation went
- gives ideas for what to do next, especially if things got tricky
- allows the user to set reminders to follow up,
- links to professional support and words of wisdom from people who've done it before

●●●●● vodafone AU 〒 4:14 pm

69% 💽 +

:=

Resources

Plan your check-in



So you've got a friend who you are worried about. Knowing how to talk to them about it can be the hard part. If you feel awkward about it, that's pretty normal.



It's not always easy, but the Check-in app takes you through four steps to help you plan your conversation so you know how you are going to go about it.

I'll check-in Over a coffee

Tips

-0-

Review

Plan

●●●●● vodafone AU 〒 4:14 pm



Review



69%

So you've recently checked in with a friend? Good on you!

How'd it go?

Not so great

Okay

Great!

:=

Resources

Tips

Good work for asking your friend how they are. Give yourself a pat on the back for giving it a crack.

FURTHER TIPS

Plan

Chat to someone about it

Review

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An Australian Government Initiative

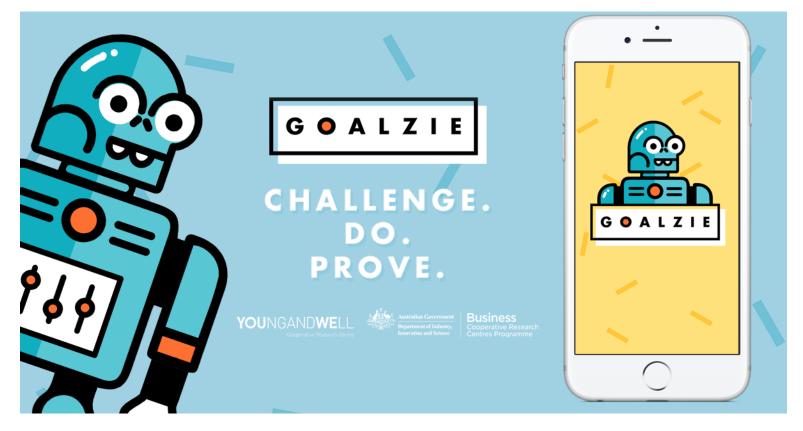
<u>@ppreciate</u>

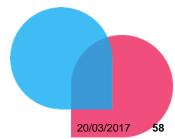
Launched in July 2013, hundreds of positive compliments spread their way across websites like Facebook, Twitter, Instagram and Tumblr. The compliments were in the form of beautiful illustrated images with positive sentiments like 'Don't Ever Change,' 'Your smile makes me smile' and even 'Your face makes Facebook better.'

Since then, almost 26,000 of these images have been created and shared by young people across Australia.

Oppreciate opreciate.me Oppreciate "A conscious focus on blessings may have emotional and GA 🔽 interpersonal benefits." Emmons & McCullough, 2003.

GOALZIE



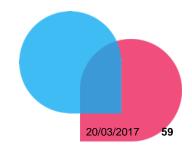


BREAK UP SHAKE UP

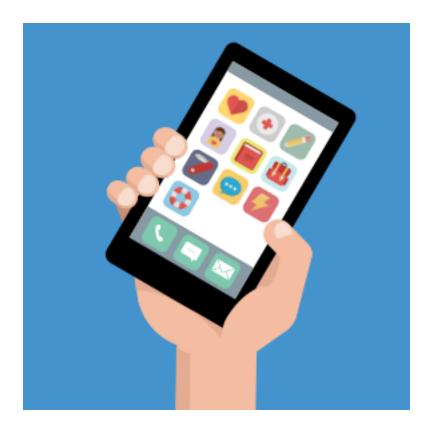








THE TOOLBOX



THE TOOLBOX	Ξ
APPS FOR YOUR BRAIN & BODDS Work out your goals, download the apps and track your progress and track your progress and reviewed by people under 25	
Know your goal ? Type your goal	۹
eg. Increase your energy WANT SOME	
INSPIRATION Remanerent urbe ventum quidem p	

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SYNERGY BIOMETRICS Jawbone Up

YOUNGANDWELLcrc

UP – Tracker Required (UP/UP24/UP MOVE)

View More by This Developer

By Jawbone

Open iTunes to buy and download apps.



Description

There is a better version of you out there. Get UP and find it. REQUIRES UP, UP24 or UP MOVE TRACKER. NOT COMPATIBLE WITH UP2 OR UP3 TRACKER. USING A SINGLE UP ACCOUNT LOGIN WILL ENSURE THAT ALL OF YOUR DATA IS SYNCED, EVEN IF YOU USE MULTIPLE UP TRACKERS.

Jawbone Web Site > UP - Tracker Required (UP/UP24/UP MOVE) Support > Application License ...More Agreement >

What's New in Version 4.6

• Bug fixes and performance improvements

Love UP? Let others know with a review on the App Store.



INFO

📀 CUSTOMIZE

EXTRAS

UP3

The world's most advanced tracker.

Everyone has had a life-changing experience sometime. This is one of those times. UP3[™] is simply the most advanced tracker you can buy. Its classic, durable design will stand the test of time. Multi-sensor technology adds breadth and accuracy to Smart Coach. Everything about UP3 says that the bar has been set higher. Wear one and go further.





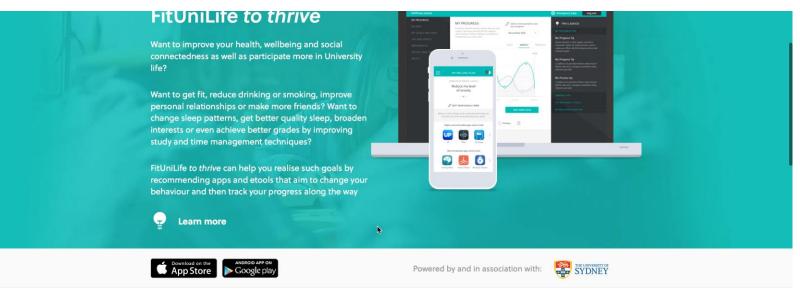
With Advanced Activity, Advanced Sleep, Food Logging, Smart Coach and Heart Health





HAPPINESS CENTRAL

// Do you have a wellbeing plan?



FitUniLife to thrive features include:

Set and achieve goals

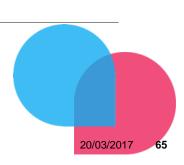


Create a profile





Curated list of apps and e-tools



EMENTAL HEALTH CLINIC

// Do you have a share plan?



Need Help Now?



NADE Resources

injelp a friend.

is the eMPIC for me?

Welcome

to the eMental Health Clinic

Not everyone can make it to see a doctor or mental health professional, or maybe you haven't reached that point, but would like some more information and assistance.

If you feel like you're not coping well with life or experiencing difficulties with your mental health, the eMHC might be right for you.

You'll need to login first to ensure your privacy. Then, by answering some questions you can get immediate feedback to improve your health and wellbeing.

Get Started



enant Lis – Silo Maai – Pheaty – Termi and Condoors – Accessibility Moder appropri 2015 eMenta Iseach Clinic I Young and Wel Corporative Research Centre I assessoring and within sugary) All Right Beneral



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Dr Michael Carr-Gregg





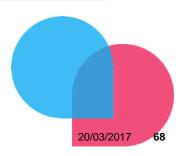
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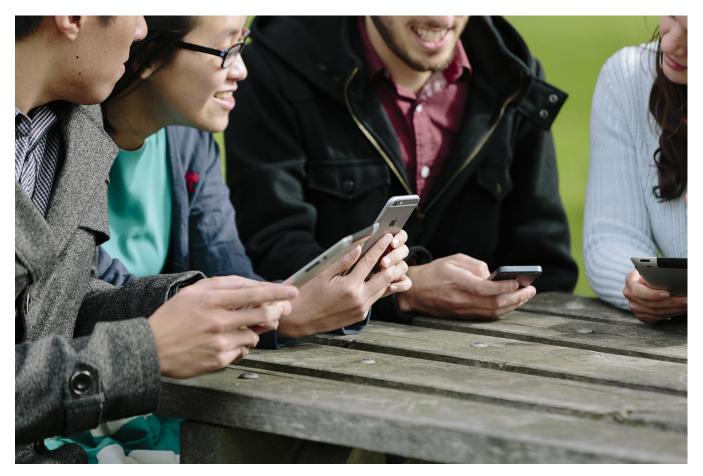
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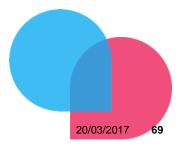






REGISTER TODAY: School TV





School TV Presented by Dr Michael Carr-Gregg



Dr Michael Carr-Gregg is the Managing Director of Digital Education and Training, and part of the Executive Team at the Young and Well CRC as well as lead content provider in the School TV video's.

Michael is one of Australia's most prominent child and adolescent psychologists, the author of nine best selling books and has also worked as an academic, researcher and political lobbyist. Michael supports School TV and understands the significant potential it has to act as a gateway to commencing and guiding conversations around the issues faced by parents, teachers and school principals in the digital age. "Parents need to be alert, but not alarmed. It's about providing the knowledge and the skills they need to confidently manage their children's use of technology. Technologies have dramatically transformed our kids' relationships with one another, their families and communities."

Michael plays a key role in leading and implementing the Young and Well CRC's digital education program both in Australia and internationally, and works to extend the reach and impact of the Young and Well CRC's initiatives through collaborating with existing partners and building new relationships.

Michael's extensive use of technology in his clinical practice for the last five years gives him particular insight into the valuable role that technology can play in the diagnosis, treatment and prevention of mental health problems in young people.

Content contributors from leading specialists

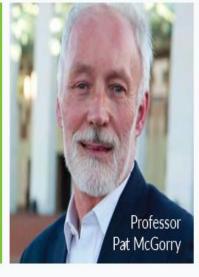
Some of the people behind School TV

Some of Australia's leading academics, specialists and authorities in youth health and well being will contribute to School TV. The latest research and practical, real-life guidance will form high value content for parents and educators alike.











Chool TV connects some of Australia's leading specialists directly with parents and educators providing credible guidance and insight into modern day parenting...

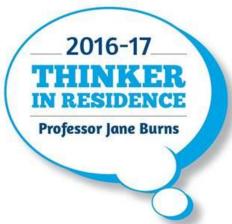


Technologies as part of an integrated youth mental health system will help Australia lead the way in the sector.



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Thank you to our partners







Department of Education

Child and Adolescent Health Service

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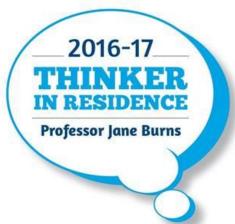












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