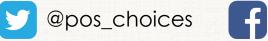
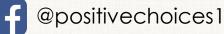


Welcome to the **Positive Choices Webinar Series**

positivechoices.org.au











I'd like to begin by acknowledging the Traditional Custodians of Country throughout Australia and their connections to land, water and community. I am currently on the land of the Gadigal people of the Eora Nation and pay my respects to Elders, past and present. I further acknowledge the Traditional Owners of the land on which you are and pay my respects to their Elders, past and present.

I would also like to acknowledge any Aboriginal and Torres Strait Islander people joining us for the webinar today.







This webinar is being recorded and will be made available on the Positive Choices website.



We will have a question and answer session at the end of the webinar. Please add questions to the Q&A box available.



What is Positive Choices?



- Central access point for trustworthy, up-todate drug and alcohol information and educational resources.
- Developed by the Matilda Centre in consultation with teachers, parents and students. Funded by Australian Government Department of Health.
- Learning resources, factsheets, videos, ٠ webinars and games to engage young people with drug education.
- Access to classroom-based drug ٠ prevention programs that are proven to reduced drug-related harms.

Culturally & Linguistically Diverse Evidence based drug education resources for individuals from culturally and linguistically diverse communities

Peoples

A collection of culturally appropriate resources based or research and consultation with people from Aboriginal and

Aboriginal & Torres Strait Islander

Peoples







Evidence-based health and wellbeing courses for secondary school students

Dr Lauren Gardner, Research Fellow and OurFutures project manager

9th February 2022

OurFutures: Evidencebased health and wellbeing courses for secondary school students

Dr Lauren Gardner The Matilda Centre The University of Sydney









We acknowledge the tradition of custodianship and law of the Country on which the University of Sydney campuses stand. We pay our respects to those who have cared and continue to care for Country.



Acknowledgement of Climate Schools/OurFutures team members/contributors past and present

Teesson, M., Newton, N. C.

Including but not limited to (alphabetical):

Allsop, S., Andrews, G., Barrett, E.L., Bird, K., Birrell, L., Carragher, N., Castellanous-Ryan, N., Champion, K., Chapman, C., Chatterton, M., Conrod, P.J., Conroy, C., Dillon, P., Delailomaloma, M., Egan, L., Gardner, L., Healy, A., Hides, L., Kady, L., Kelly, E.V., Koning, I., Lawler, S., Leidl, D., Mather, M., McBride, N., Mewton, L., Mihalopoulos, C., Nair, N.K., Quinn, C., Rowe, A., Slade, T., Smout, A., Smout, S., Spallek, S., Stapinski, L., Steadman, M., Sunderland, M., Thornton, L., Tonks, Z., Van Vliet, H., Vogl, L., Wong, N

+ the PREMISE Youth Advisory Board and young people in The Matilda Centre Staff's networks



Substance use and mental health

- Prevalent, often co-occur, and share common risk factors
- Contribute to:
 - A substantial proportion of the burden of disease
 - Significant social and economic costs (>\$43B each year in Australia)
- Onset typically occurs during adolescence (greatest disability 15-24yrs)
- Leading causes of disability among young people in high-income countries



Substance use and mental health

- Prevalent, often co-occur, and share common risk factors
- Contribute to:
 - A substantial pro
 - Significant social
- Onset typically occu
 24yrs)

Early and effective prevention is critical!

ar in Australia)

disability 15-

 Leading causes of disability among young people in high-income countries

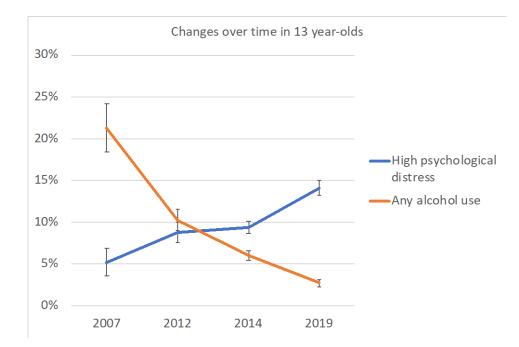


Substance use and mental health in Australia

- Among young people aged 14-17 years (National Drug Strategy Household Survey, 2019)
 - 66% have tried alcohol
 - 18% have tried cannabis
 - 5% have tried MDMA
- Among young people aged 12-17 years (Lawrence et al., 2015)
 - 7% have an anxiety disorder
 - 6.3% have ADHD
 - 5% have major depressive disorder
 - 20% have high or very high levels of psychological distress



Trends



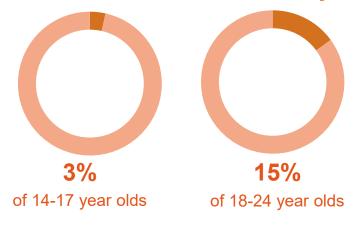
Slade T, Chapman C, Sunderland M ... Teesson M. Trends in psychological distress and alcohol use among 14 000 young Australians: 2007 to 2019. *In preparation*

Rates of risky drinking are significant

- Rates of very high risk binge drinking are significant and are highest among young people
- Younger people remain more likely to be victims of alcohol related crime



11+ Drinks at least monthly



Source: 2019 National Drug Strategy Household Survey

But there is good news...



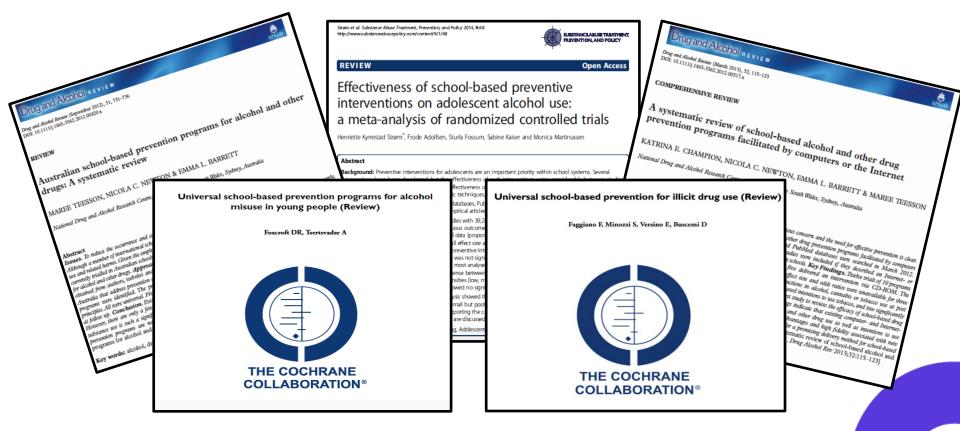
Each year we delay the onset of drinking we reduce the odds of developing an alcohol use disorder by 9% (Grant et al., 2001)

Prevention needs to occur early

- School is the ideal location
 - Practical spend > 25% waking lives
 - Time when first start to experiment
 - Educate prior to harmful exposure
 - Tailor messages at developmental levels
 - Mandatory part of the health education curriculum



Reviews of school-based drug prevention



Effective principles of drug prevention

- Evidence-based and theory driven
- Developmentally appropriate & immediately relevant
- Implemented prior to harmful patterns of use
- Part of a comprehensive health education curriculum
- Use of peer leaders but keeping teacher as the central role
- Employ interactive teaching methods
- Adopt a social influence or comprehensive approach

Sources: Newton et al., 2013, Botvin & Griffin, 2007, Midford et al., 2001; 2002, Tobler et al., 1999; 2000, Foxcroft, & Tsertsvadze, *2011, Faggiano et al., 2014, Dusenbury, L., &* Falco, 1995)

School-based drug prevention

- Common obstacles to effective implementation
 - Insufficient resources materials, time and money
 - Adaptation
 - Lack of training
 - Commercially based packing
 - Sustainability











Interactive cartoon storylines



Interactive quizzes

Student/Teacher summaries

STUDENT SUMMARY

METHAMPHETAMINE

What is the difference between amphetamine and methamphetamine? Methamphetamine is a chemical compound which is very closely related to amphetamine. but stronger. Amphetamine was common in Australia in the early 1990s, but nowa you buy on the streets is almost always methamphetamine.

How is methamphetamine made?

Methamphetamine is a synthetic or man-made drug which is typically made in backyard laboratories and sold illegally However, certain types of amphetamines are made by pharmaceutical (medicine) companies and can legally be prescribed by a doctor to treat different medical conditions.

These over-the-counter amphetamines will be briefly covered at the end of this section. The remainder of this section will address those forms of the drug which are illegal.

Methamphetamine and the law

Unless amphetamines are prescribed for a person by a medical practitioner, poss using, making or selling amphetamine/methamphetamine is against the law. Methamphetamine and the law will also be covered in greater detail in lesson 6.

What are some of the different names for methamphetamine? There are many different names used for methamphetamine, including



Individual or group activities

How to put someone in the recovery position

If a person is unconscious, or non-responsive but breathing, they should be placed in the recovery position while waiting for help to arrive. If they are left lying on their back they could suffocate on their vomit or their tongue could block their airway. Putting someone in the recovery position will help to keep the airways open.

To place someone in the recovery position:



Links to Curriculum

Syllabus content

Students:

- Investigate and select strategies to promote health, safety and wellbeing (ACPPS073)
 - Investigating reasons why young people choose to use or not use drugs, and proposing strategies to make informed choices.
 - proposing and practising strategies for celebrating safely, including assertiveness, refusal skills, planning travel arrangements and contingency plans
- Investigate the benefits of relationships and examine their impact on their own and others' health and wellbeing (ACPPS074).
 - Investigate how individuals, family and peer groups can affect people's behaviour, beliefs, decisions, and actions
- Evaluate health information and communicate their own and others' health concerns (ACPPS076)
 - Developing health literacy skills while exploring and evaluating online health information that is aimed at assisting young people to address health issues

Teaching, learning and assessment

Lesson One:

Learning intention: students examine how alcohol-related laws and guidelines reduce harm and promote health and safety.

Online cartoon-based content:

Students read content provided in the Lesson One cartoon, which examines:

- Standard drinks.
- The Australian guidelines to reduce health risks from drinking alcohol.
- Alcohol, the law, and underage drinking.
- Responsible drinking and how to stay safe.
- Societal pressures and expectations to drink alcohol.

Optional class activities:

Students examine alcohol-related laws and guidelines that reduce harm. Teachers have the flexibility to choose appropriate activities with consideration of their school's context and the needs of their students.

- Understanding standard drinks (*interactive*): students analyse the Standard Drinks Guide Chart and answer questions to develop an understanding of how the guidelines can be used to enhance health, safety and wellbeing.
- Identifying risks and options to improve safety (*interactive*): students identify risks and options for increased safety in the context of the adventures of the teenagers in the cartoon. They examine the high risks, ways risk was reduced and harm minimisation strategies.
- The Australian drinking guidelines (PDF): students gain an understanding of the reasons for the different guidelines for different age groups. They consider reasons for the recommendations and note these on the worksheet provided.
- The expectation to drink (PDF): students discuss the potential sources of pressure or expectation to drink alcohol.
- Poster drinking and the law (*PDF; suggested take-home activity*): in small groups, students design a poster depicting situations where it is legal and illegal for people under the age of 18 to consume alcohol. *Can be set as a homework task or assessment.*
- The role of police in underage drinking (*PDF*): students discuss why there are laws for underage drinking and the role of the police in enforcing laws, eg keeping people safe.

Evidence base behind Climate Schools

8 RCTs in Australia

(6 complete, 2 ongoing)

- 240 schools and > 21,000 students have participated across NSW, WA, VIC, ACT, QLD
- 47 peer-reviewed papers

1 pilot trial in the UK

- 222 students and 11 teachers in London
- Found to be feasible and acceptable in the UK.

The Matilda Centre

Addiction

dot:10.1111/j.1360-0443.2009.02853.x

Internet-based prevention for alcohol and cannabis use: final results of the Climate Schools course

Nicola C. Newton¹, Maree Teesson¹, Laura E. Vogl¹ & Gavin Andrews²

University of New South Wales, National Drug and Alcohol Research Centre, Sydney, NSW, Australia¹ and University of New South Wales, Clinical Research Unit for Anxiety and Depression, St Vincent's Hospital, Sydney, NSW, Australia²

Research



A cross-validation trial of an Internetbased prevention program for alcohol and cannabis: Preliminary results from a cluster randomised controlled trial

Australian & New Zealand Journal of Psychiatry 2016, Vol. 50(1) 64–73 DOI: 10.1177/0004867415577435 © The Royal Australian and New Zeahard College of Revelations 201

New Zealand College of Psychiatrists 2015 Reprints and permissions: sagepub.co.uk/journalsPermissions.nav anp.sagepub.com SAGE

Katrina E Champion, Nicola C Newton, Lexine Stapinski, Tim Slade, Emma L Barrett and Maree Teesson

Vogl et al. Substance Abuse Treatment, Prevention, and Policy 2014, 9:24 http://www.substanceabusepolicy.com/content/9/1/24



Open Access

RESEARCH

A universal harm-minimisation approach to preventing psychostimulant and cannabis use in adolescents: a cluster randomised controlled trial

Laura Elise Vogl¹, Nicola Clare Newton^{2*}, Katrina Elizabeth Champion² and Maree Teesson²

Abstract

Background: Psychostimulants and cannabis are two of the three most commonly used illicit drugs by young Australians. As such, it is important to deliver prevention for these substances to prevent their misuse and to reduce associated harms. The present study aims to evaluate the feasibility and effectiveness of the universal computer-based Climate Schools: Psychostimulant and Cannabis Module.

Methods: A cluster randomised controlled trial was conducted with 1734 Year 10 students (mean age = 15.44 years; SD = 0.41) from 21 secondary schools in Australia. Schools were randomised to receive either the six lesson computer-based Climate Schools program or their usual health classes, including drug education, over the year.

Results: The Climate Schools program was shown to increase knowledge of cannabis and psychostimulants and decrease pro-drug attitudes. In the short-term the program was effective in subduing the uptake and plateauing the frequency of ecstasy use, however there were no changes in meth/amphetamine use. In addition, females who received the program used cannabis significantly less frequently than students who received drug education as usual. Finally, the Climate Schools program was related to decreasing students' intentions to use meth/amphetamine and ecstasy in the future, however these effects did not last over time.

Conclusions: These findings provide support for the use of a harm-minimisation approach and computer technology

Results





Increasing knowledge about alcohol, cannabis, MDMA and new psychoactive substances

Reducing alcohol consumption and binge drinking



Reducing cannabis and ecstasy use



Slowing the progression of anxiety symptoms





Reducing psychological distress

Reducing harms related to the use of

alcohol and ecstasy



Reducing intentions to use MDMA, psychostimulants, new psychoactive substances and synthetic cannabis



Improving attitudes towards alcohol

Results



Results

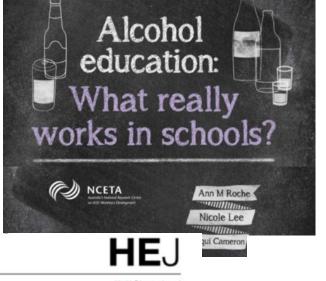
Students and teachers have rated the programs positively:

- 93% of students found the cartoon stories an enjoyable and interesting way to learn
- 93% of students thought the information in the program was **easy to understand**, to learn and to remember
- 95% of teachers rated the **educational quality** of the program highly
- 88% of teachers rated the program as better than other substance use and mental health programs



The Matilda Centre

Reviews



Original Article

What works in school-based alcohol education: A systematic review

Health Education journal 2016, Vol. 75(7) 780-798 © The Author(s) 2016 Reprints and permissions: sagepub.co.uk/journal/Permissions: nav DOI: 10.1177/001789691561222 hejs:agepub.com

Primary Substance Use Prevention Programs for Children and Youth: A Systematic Review

people up to 25 years

Evidence Summary:

Public health interventions in

response to substance misuse (drugs) to support parents, <u>their children and</u> young

Melissa Tremblay, PhD,^a Lola Baydala, MD,^b Maria Khan, MEd,^a Cheryl Currie, PhD,^c Kirstyn Morley, MEd,^a Caitlin Burkholder, MSc,^b Riley Davidson, MD,^b Amanda Stillar, PhD^a

abstract

CONTEXT: An updated synthesis of research on substance abuse prevention programs can promote enhanced uptake of programs with proven effectiveness, particularly when paired with information relevant to practitioners and policy makers.

OBJECTIVE: To assess the strength of the scientific evidence for psychoactive substance abuse prevention programs for school-aged children and youth.

DATA SOURCES: A systematic review was conducted of studies published up until March 31, 2020.

STUDY SELECTION: Articles on substance abuse prevention programs for school-aged children and vouth were independently screened and included if they met eligibility criteria: (1) the

Nicole K Lee^{a,b}, Jacqui Cameron^{a,c}, Samantha Battams^{d,e} and Ann Roche^a

*National Centre for Education and Training on Addiction (NCETA), Flinders University, Adelaide, SA, Australia *National Drug Research Institute (NDRI), Curtin University, Perth, WA, Australia *Department of General Practice, University of Melbourne, Nelbourne, VIC, Australia *Torrens University Australia, Adelaide, SA, Australia *Southaste Institute for Health. Society and Equity. Flinders University, Adelaide, SA, Australia Health Scotland

External endorsement





Alcohol and Drug Foundation





the nest A national plan for child and youth wellbeing







Dovetail supporting the youth alcohol and drug sector in Queensland



Government of South Australia

Department for Education

Translation into policy



Included in SAMHSA's National Registry of Evidence-based Programs and Practices







NICE National Institute for Health and Care Excellence



UNITED NATIONS Educational, Scientific, Cultural Organization



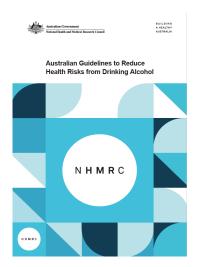


Queensland Mental Health Commission

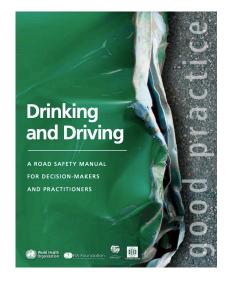
Improving the mental health and wellbeing of Queenslanders



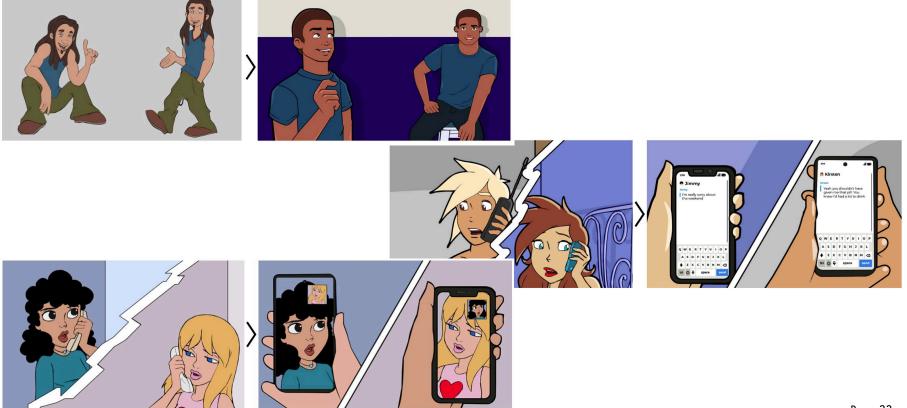
OurFutures updates – evidence and guidelines



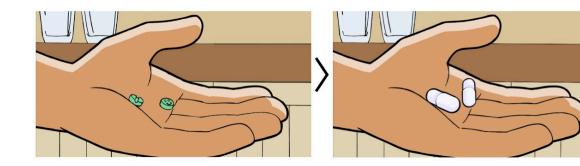


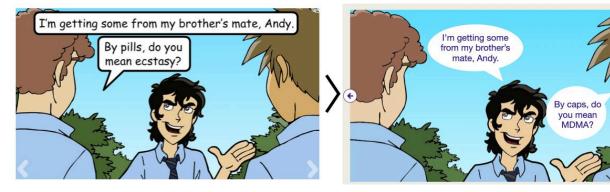


OurFutures updates - cartoon graphics

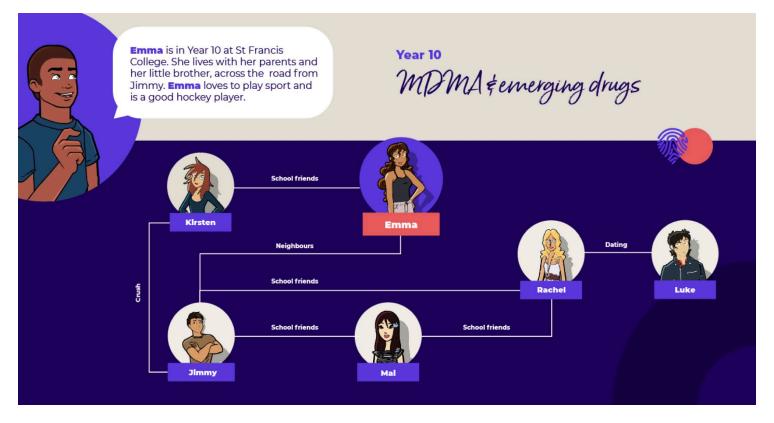


OurFutures updates - scripts





OurFutures updates - backstories



OurFutures updates – voiceovers



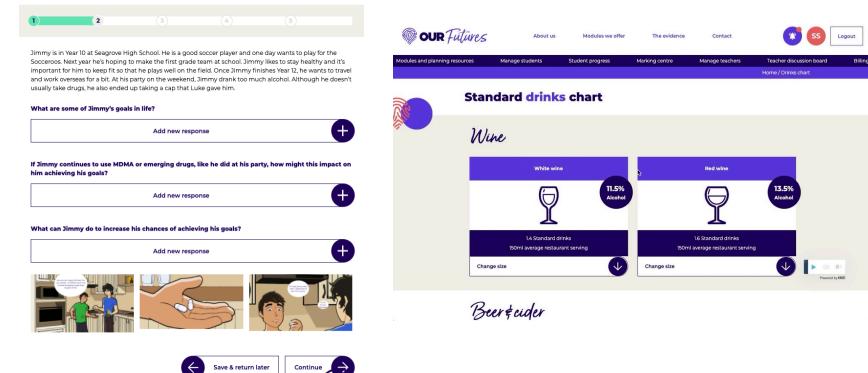


OurFutures updates – fact checks

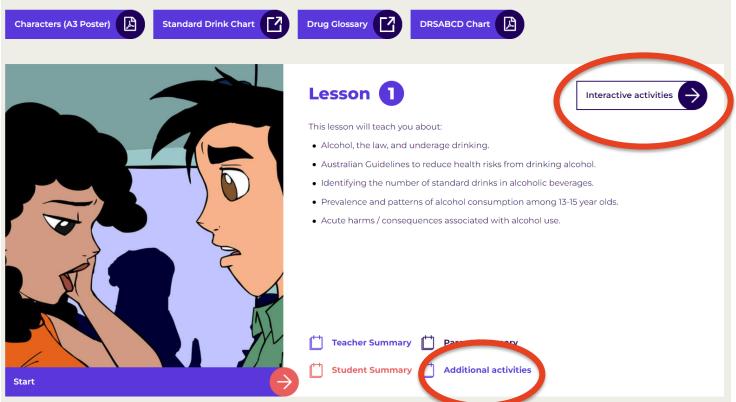


OurFutures updates – interactive activities

MDMA & emerging drugs



OurFutures updates – additional activities



OurFutures updates – additional activities

Optional class activities

Choose the activity or activities to suit the needs of your class.

Activity	Task	Format	Preparation
Keeping safe	Students learn about ways to keep safe if they choose to drink.	Class discussion	None
Alcohol – What's in the news?	Students collect and analyse news articles related to alcohol consumption, laws, and harms.	Homework / assessment In class poster board (optional)	Distribute worksheet (PDF or printed)
Graphic organiser	Students use a graphic organiser to illustrate the impact of alcohol an individual's health, safety and wellbeing.	Individual	Paper or ICT tools



OurFutures updates – marking centre



Activity 1	Activity
------------	----------

Activity 3 🔴

Alcohol lesson 1 Activity 2

Michael, Clare and their friends made some unsafe choices on their night out, leading to some risky situations and a pretty bad end to the night... But there were some safer choices made too. Let's examine these choices and select some strategies they could have



Can you identify the unsafe aspects of the night out?

4 Students marked of 4 students assigned



They did lots of unsafe things, including:

- · No responsible adult knew where they were if something
- · Going to a party where they didn't know the people who
- Michael and friends shared a bottle of vodka. By sharing the bottle none of them were able to accurately keep

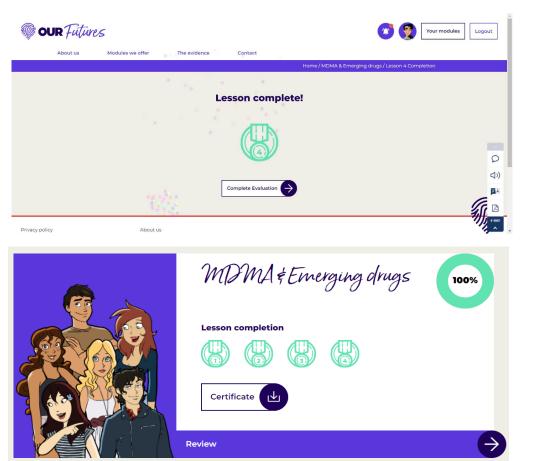
OurFutures updates – teacher discussion board

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Create a post		& emerging drugs	Lyra.Egan / default posted in Alcohol TEST	27/01/21 at 06:28 PM	0 Likes
Alcohol & Cannabis	\checkmark		Č,		
Here's a great resource I used with my Year 8 students			Add/see comments (0)	V	
Display my name Display school name			Lyra Egan / default posted in Alcohol Testing site posts - teacher alcohol module typo shows up? Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed quis nisi at ex dapil Pellentesque habit		Likes
Capturel.pdf ready to be uploaded			Add/see comments (1)	\checkmark	
			Lyra Egan / default posted in Alcohol TEST	27/01/21 at 04:10 PM	

OurFutures updates – student leaders

🖗 OUR Fu	tures					(2) (2)	Dashboard
	About us	Modules we offer	The evidence	Contact			
	Modules & planning	Students	Teachers	Billing			
					Hom	e / Manage students / Student	
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Privacy policy		About us					
FAQs		Modules we offer					
Technical requirements		The evidence					

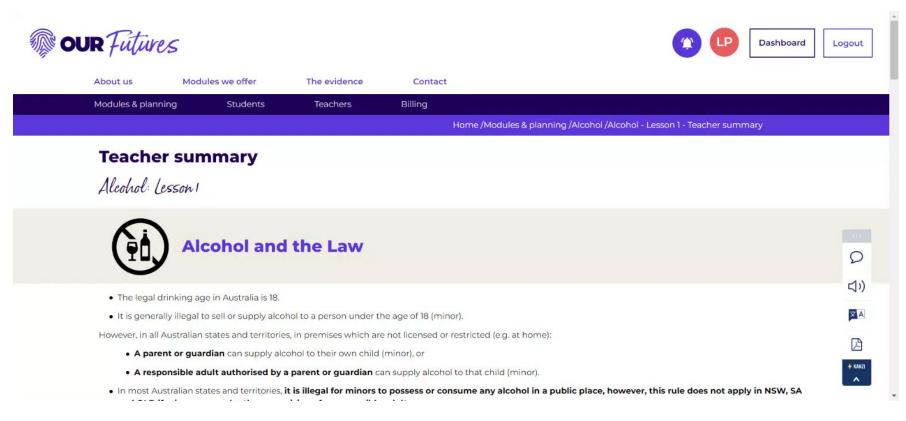
OurFutures updates – student rewards





2022

OurFutures updates – multilingual translation





How do I register?

- If you were previously registered with Climate Schools, you were emailed an activation link (18th Jan)
 - If not, check junk folder or contact us at info@ourfutures.education

- Alternatively, head to <u>https://ourfutures.education</u>
 - Need to do this if you have not held a Climate Schools account





About us

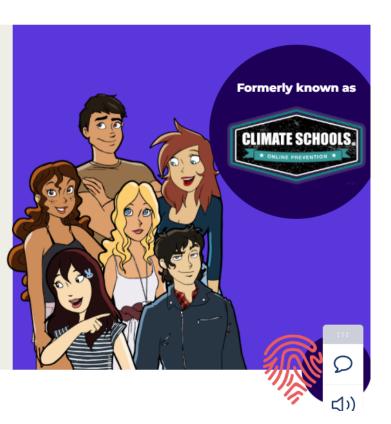
Modules we offer

The evidence

Contact

Innovative and engaging evidencebased health education courses to empower students to improve their health and wellbeing





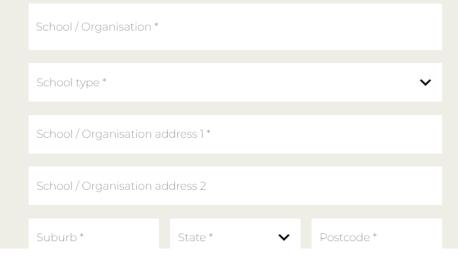
Register

Login



If your school/organisation is already registered, please register for a teacher/facilitator account.

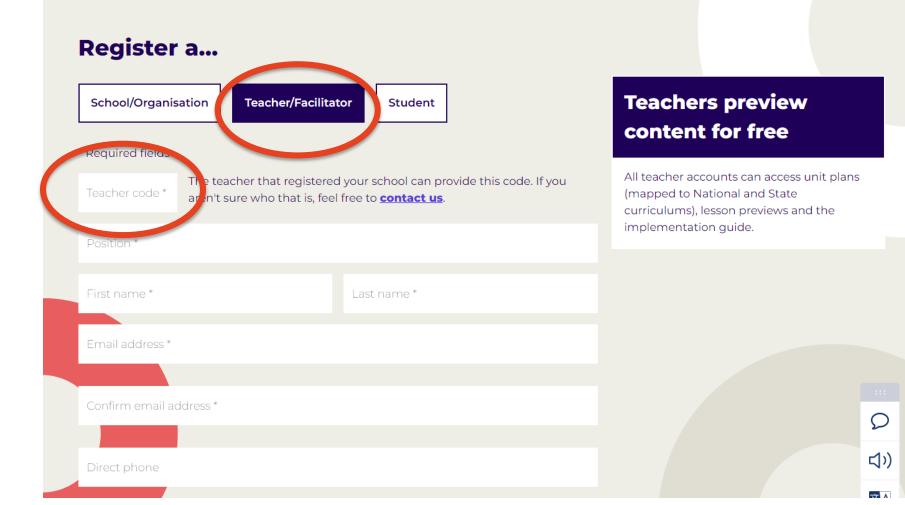
School / organisation information

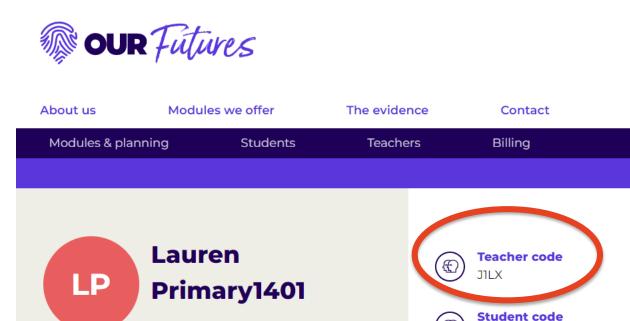


Teachers preview content for free

All teacher accounts can access unit plans (mapped to National and State curriculums), lesson previews and the implementation guide.

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Home / Profile

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About	us	

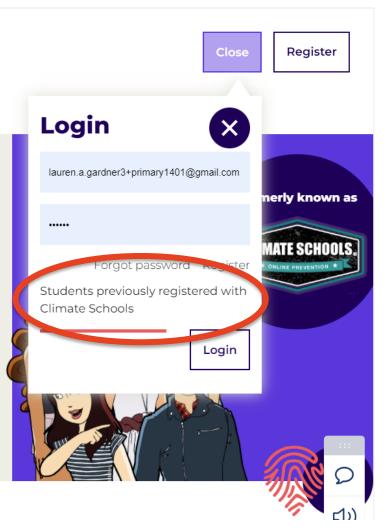
Modules we offer

The evidence

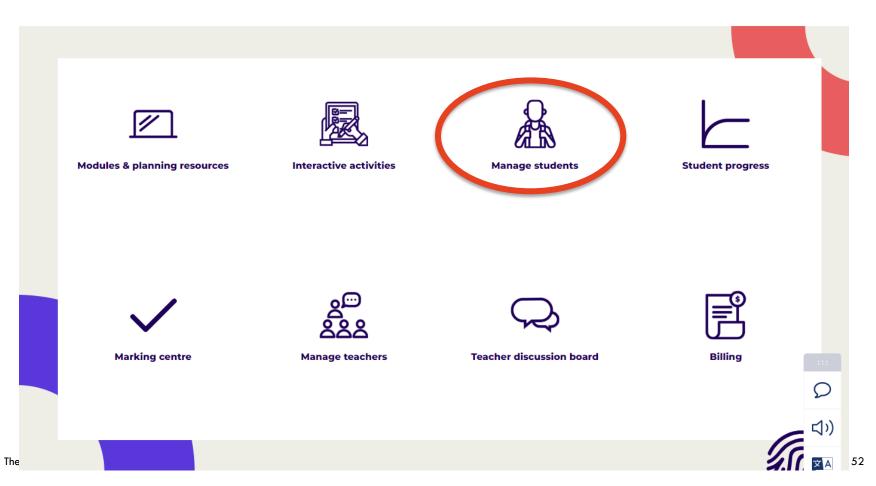
Contact

Innovative and engaging evidencebased health education courses to empower students to improve their health and wellbeing





Teacher dashboard - Test School 14.01





https://ourfutures.education

• Reached >1,200 schools or other organisations (>32,000 students)





Climate Schools US and UK



The Matilda Centre



Education Perfect – Australia & NZ

Meet Ella and Will

In this lesson, you'll explore some scenarios with two high school students (Ella and Will) and see some of the thinking traps that they encounter. You'll learn how Will and Ella can apply realistic thinking and thought challenging skills to cope with difficult thoughts and scenarios. You'll also have the opportunity to apply these skills to thoughts and situations in your life.





It's helpful to reach out for support with anxiety and depression. Ella and Will took the first step towards getting help when they talked to Chloe

and depression. Ella and Will took the first step towards getting help when they talked to Chole about how they were feeling. You can speak with a professional to help you with realistic thinking, as it can be a tricky skill to learn. Below are the names of some key support services that are accessible Australia-wide.

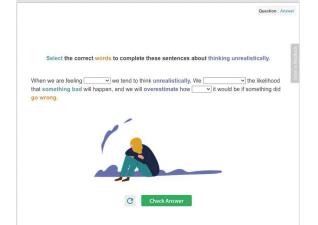
Getting help to overcome thinking traps.

Question Answer

Delete table

Google each service and fill in their URL and phone number. You might want to save a screengrab of this table in case you or a friend would like to talk to someone.

Organisation	url and phone number:
eheadspace: free, confidential online and phone support and counselling for people aged 12-25.	
Kids Helpline: free, confidential 24/7 phone and online counselling for people aged 5-25.	
Counselling Online: free, confidential 24/7 online chat support for people (all ages) affected	















The Matilda Centre

KELY – Hong Kong







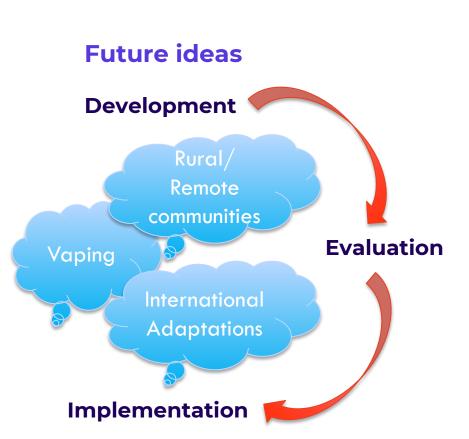
Where to next?

New trials











Vision: To see all young people receive highquality, evidence-based health and wellbeing education.



Thank you

Dr Lauren Gardner The Matilda Centre Lauren.gardner@Sydney.edu.au @LaurenGardner33

https://ourfutures.education



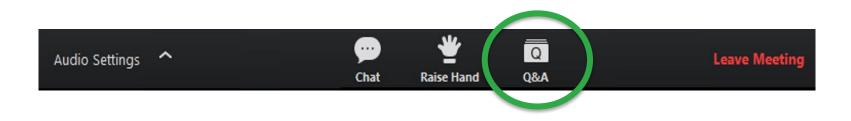








Questions?





Where to get help and advice

National Alcohol and Other Drug Hotline Phone: 1800 250 015

Lifeline Phone: 13 11 14

Family Drug Support Phone: 1300 368 186 www.fds.org.au

Australian Drug information network www.adin.com.au More information and sources of help available at

positivechoices.org.au/ information/where-to-get-help



Thank You

info@positivechoices.org.au positivechoices.org.au

