

Scaled Prevention & Early Intervention in Real-World Contexts for Students

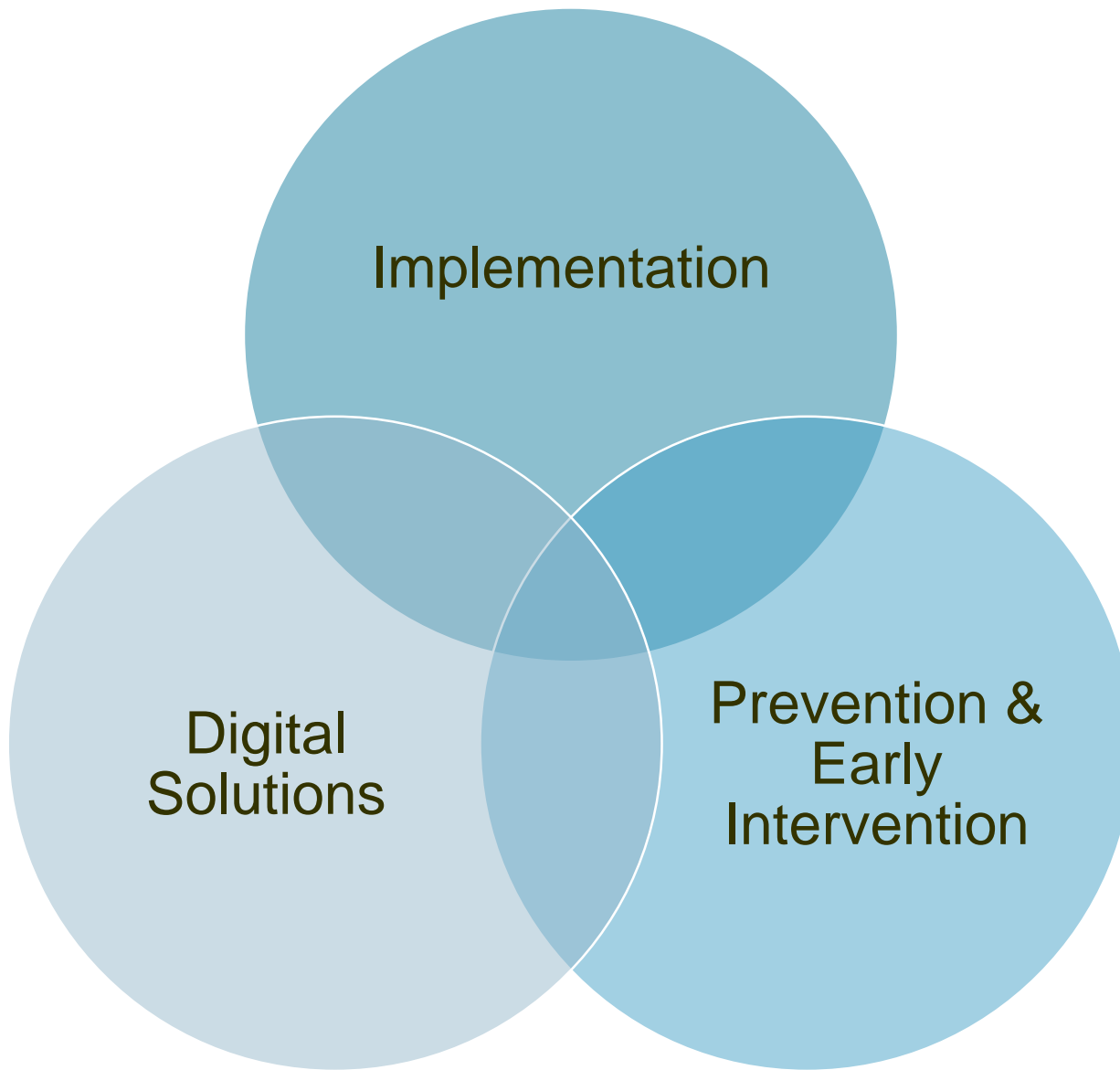
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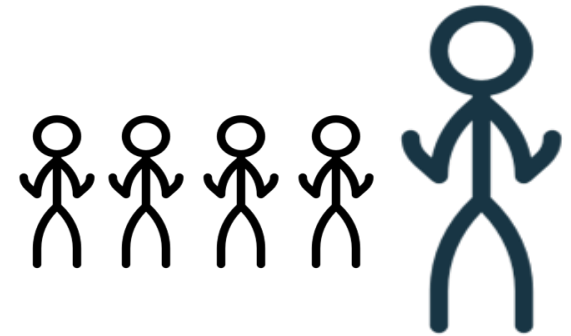
Clinical Psychologist







Prevention & Early Intervention



Van Zoonen et al., 2014; Werner-Seidler et al 2017; 2021

...in Schools

Feasibility Appropriateness



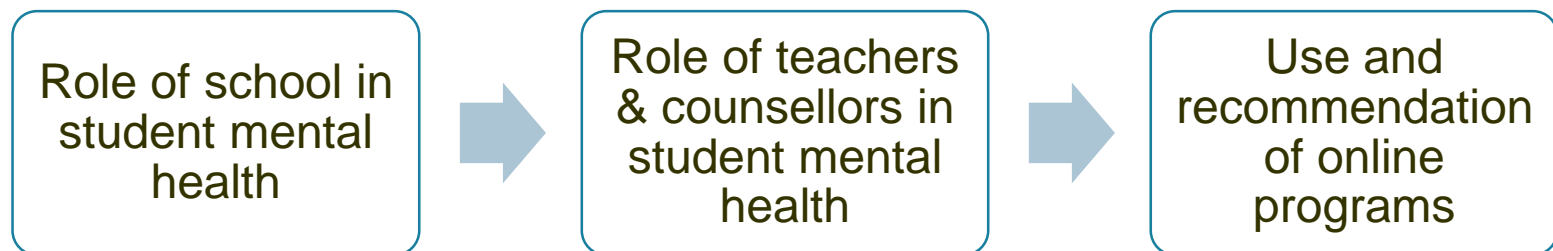
Perspectives of Teachers & Counsellors

Aims

1. To explore how teachers & counsellors perceive the role of the school in student mental health

Methods

- Online surveys of 97 teachers and 93 counsellors from secondary schools in Aus (Nov 2017-July 2018)



Support

Holistic model of care

“...part of students education just like reading or writing”

Frontline

• Identification & assessment

“Screening and assessing for mental health issues”

Key Themes

Collaboration

Working together

Education

Mental health literacy

“...to understand that mental health issues are as common as having a cold and it's ok...”

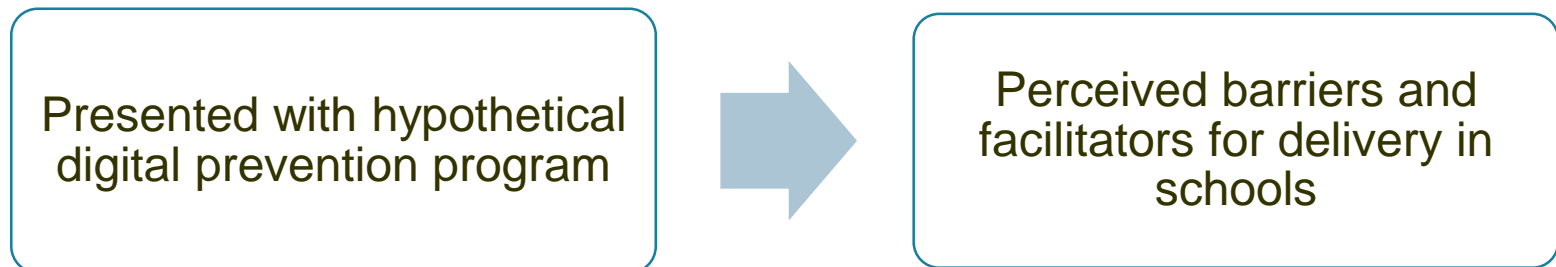
Perspectives of Teachers & Counsellors

Aims

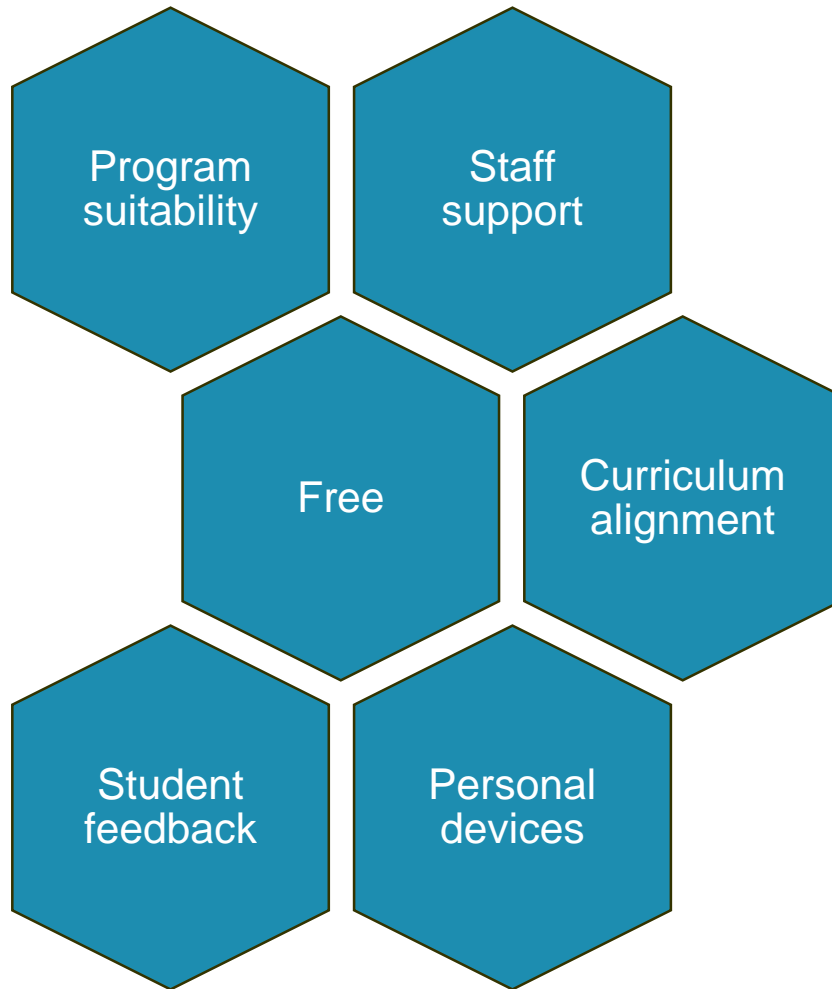
2. To explore the barriers and facilitators to implementing a digital depression prevention program

Methods

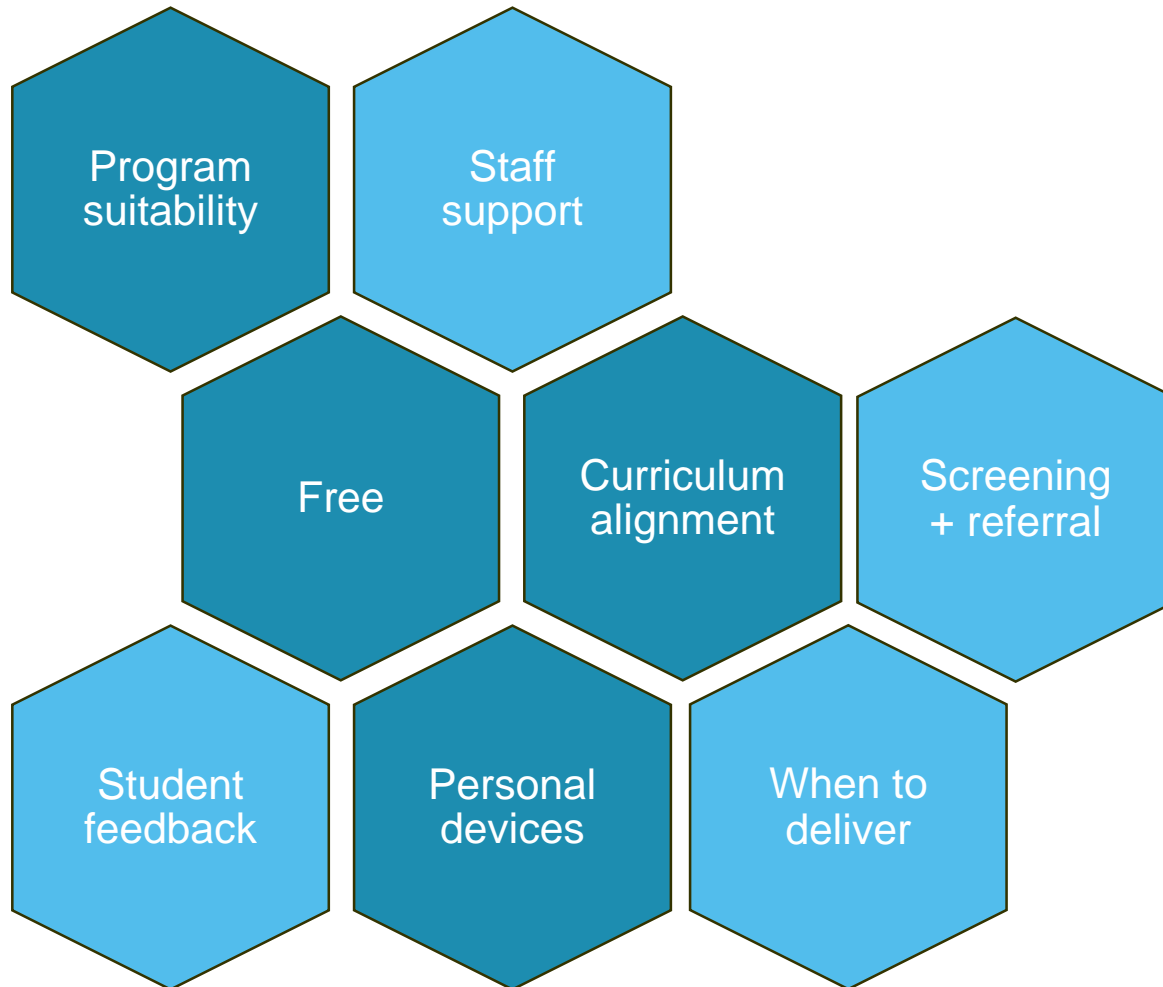
- Online surveys of 97 teachers, 93 counsellors, & 11 principals from secondary schools in Aus (Nov 2017-July 2018)



Facilitators



Facilitators



Variation by School Type

Low SES	Rural	Government
<ul style="list-style-type: none">• Admin support• Time• Computers	<ul style="list-style-type: none">• Technical infrastructure & support• Computers	<ul style="list-style-type: none">• Support from other teachers

Key Implications

1. **Different approaches** are needed to target various staff members in different school types
2. It is important to consider factors that impact decisions related to **adopting** digital programs ahead of time
3. Extending this research to digitally delivered programs may help to design and develop **school appropriate products**

THE FUTURE PROOFING STUDY

2019 - 2026



Future Proofing Study

5-year study involving 6,300+ students in 134 AUS high schools

1. Largest cohort study of adolescent mental health in Australia
2. Comprehensive data collected through annual online surveys about mental health, wellbeing and life experiences
3. Largest study to explore how smartphone data can be used to predict mental health symptoms





Types of Hybrids

Clinical
Effectiveness
Research

Implementation
Research

The Continuum

Hybrid Type 1

Primary Aim: Determine effectiveness of a clinical intervention

Secondary Aim: Better understand the context for implementation (i.e., potential barriers and facilitating factors)

Hybrid Type 2

Primary Aim: Determine effectiveness of a clinical intervention

Co-Primary Aim: Determine feasibility and/or (potential) impact of an implementation strategy

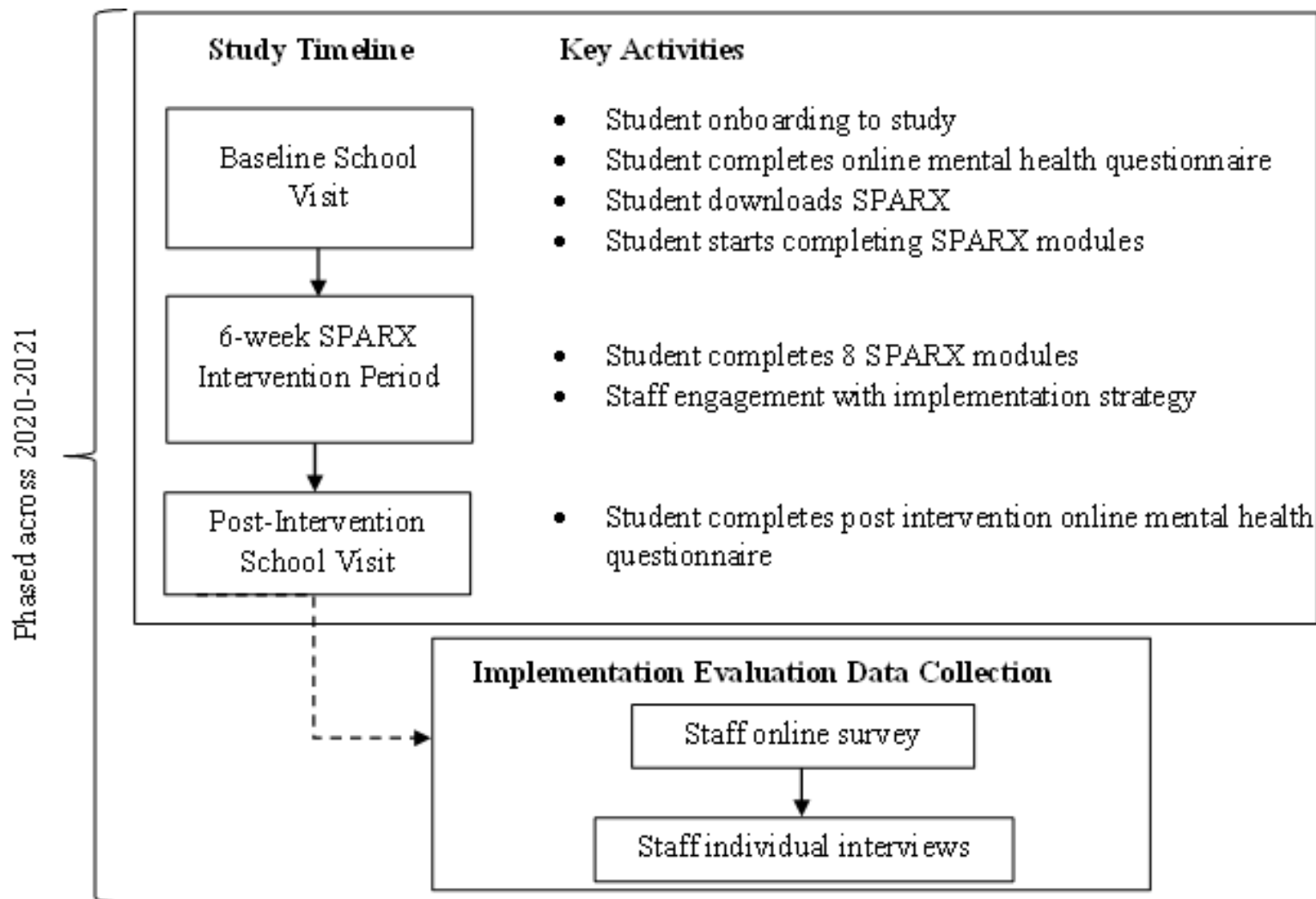
Hybrid Type 3

Primary Aim: Determine impact of an implementation strategy

Secondary Aim: Assess clinical outcomes associated with implementation trial

(Curran, Bauer et al., 2012)

Methods



Implementation Strategy

(1) Establishment of study implementation teams responsible for the implementation of the intervention and liaising with the research team.

(2) Allocation of a minimum of 4 x 20-minute school class sessions during which students complete the SPARX intervention (the remaining sessions could be completed in class if permitted by schools or in students' own time).

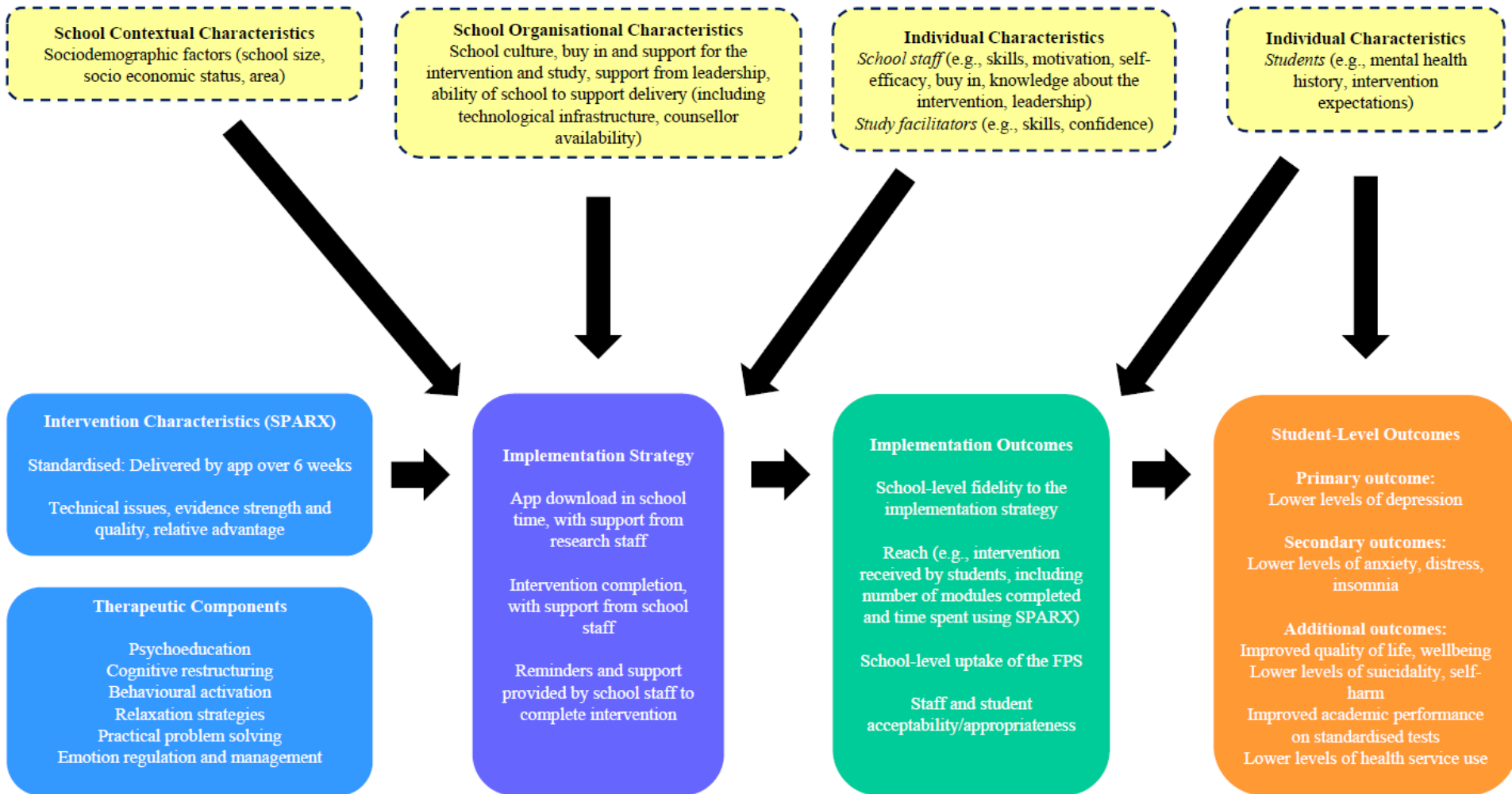
(3) Provision of information about SPARX from the research team for school visits.

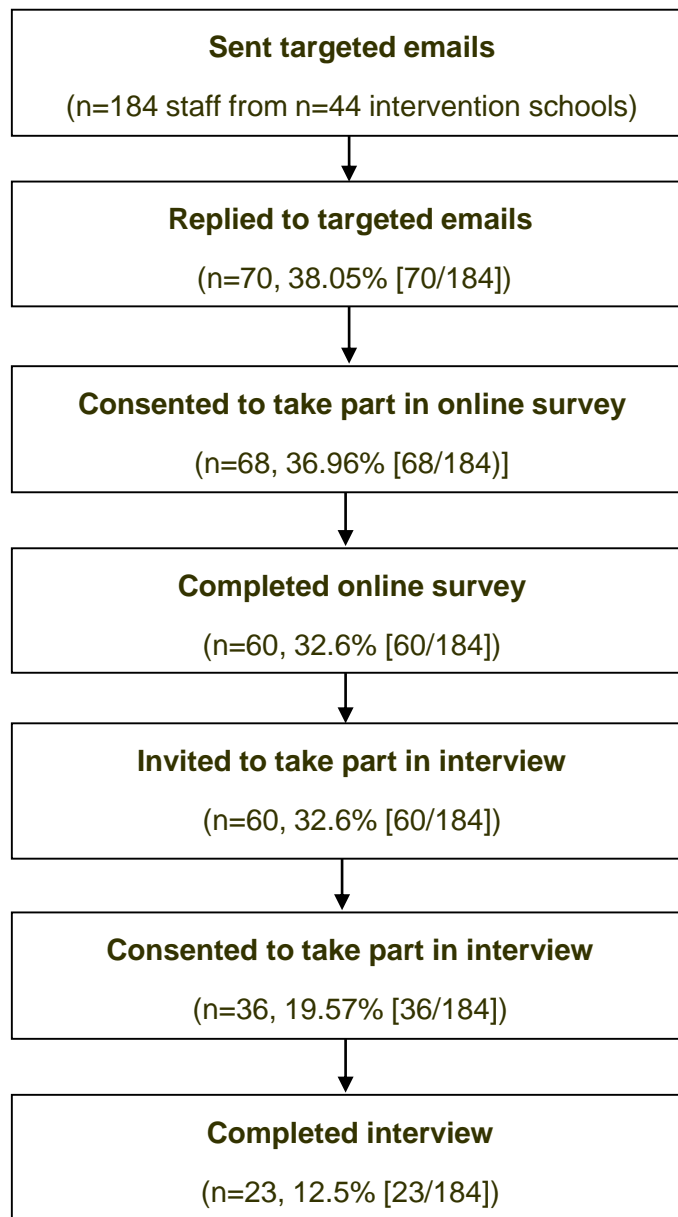
(4) Weekly verbal reminders from the implementation teams to students to use the app.

(5) Dissemination of information about the study and mental health tips in the school weekly newsletter by the research team.

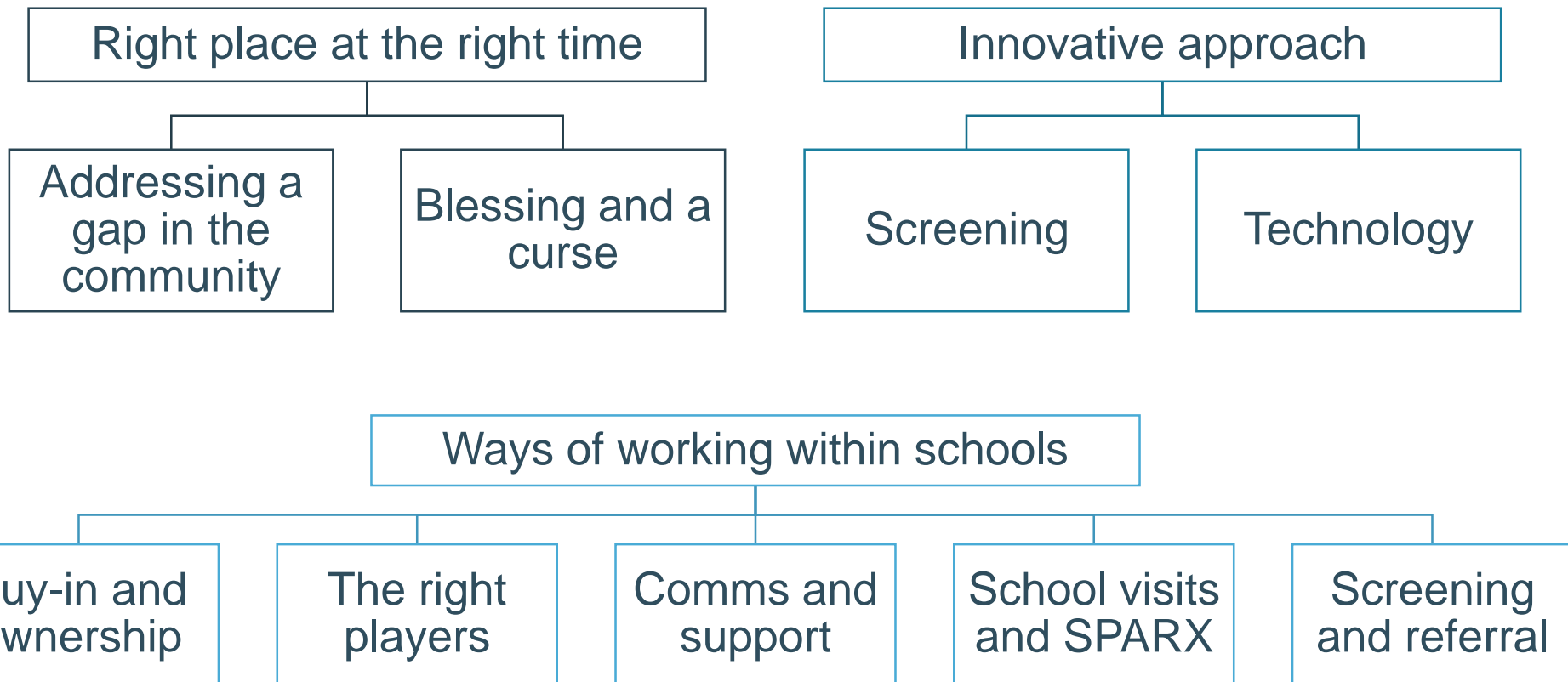
(6) Weekly liaison with the research team to troubleshoot problems.

Implementation Evaluation





Qualitative Themes



Recommendations

Facilitators	FPP Status	
Planning & Engaging	1. Reputable implementing institution and provision of high-quality resources	Provided
	2. Active leadership support (including recognition of staff input) and school ownership	Encouraged
	3. Counsellors involved in decisions about FPP adoption and planning	Encouraged
	4. In-school champion that engages staff and students	Encouraged
	5. Engagement strategy for students and parents to encourage buy-in	Provided
	6. Supportive school implementation team with clear responsibilities to share load	Encouraged
	7. Dedicated staff time for planning and reviewing	Encouraged
	8. Established community support for referrals of high-risk students that are outside the remit or resources of schools	Ideal
Executing	1. Flexible delivery of FPP	Provided
	2. Integration into school curriculum as an adjunct program	Ideal
	3. Technology support from implementing institution	Provided
	4. Adequate school-level resources (e.g., rooms, WiFi, laptops)	Encouraged
	5. Standardised risk follow-up and referral processes for counsellors	Encouraged
	6. Availability of counsellors and provision of adequate time to respond to risk follow-ups	Encouraged
	7. In school reminders about SPARX completion for students	Encouraged

Study References

Beames, Joanne R., et al. "Addressing the mental health of school students: Perspectives of secondary school teachers and counselors." *International Journal of School & Educational Psychology* 10.1 (2022): 128-143.

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Werner-Seidler, Aliza, et al. "The Future Proofing Study: Design, methods and baseline characteristics of a prospective cohort study of the mental health of Australian adolescents." *International Journal of Methods in Psychiatric Research* (2022): e1954.

Beames, Joanne R., et al. "Intervention Programs Targeting the Mental Health, Professional Burnout, and/or Wellbeing of School Teachers: Systematic Review and Meta-Analyses." *Educational Psychology Review* 35.1 (2023): 26.

Funding

- Ramsay
- General Pants
- NHMRC

Acknowledgments

- Future Proofing Team

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