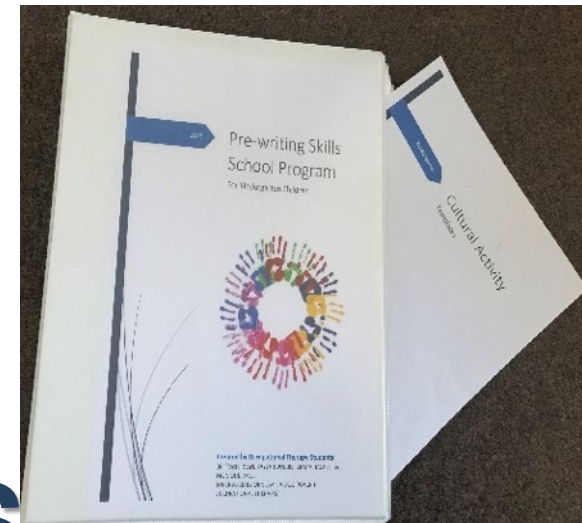


PROMOTING EARLY LITERACY: A PLAY BASED PRE-WRITING SKILLS PROGRAM



ORNISSA NAIDOO
MONICA MORAN

I acknowledge the Australian Aboriginal and Torres Strait Islander peoples as the first inhabitants of the nation and the traditional custodians of the land on which I live, learn and work



Western Australian Centre for Rural Health

OVERVIEW OF ROGANO SESSION

The presentation will cover:

- Objectives of the Rogano Session
- Background into Pre-writing skills
- Discussion of the implemented Pilot (Phase 1) Program
- Research aim and outcomes for Phase 2 Program
- Discussion: Invitation to participate in online discussion on best way forward in Phase 2



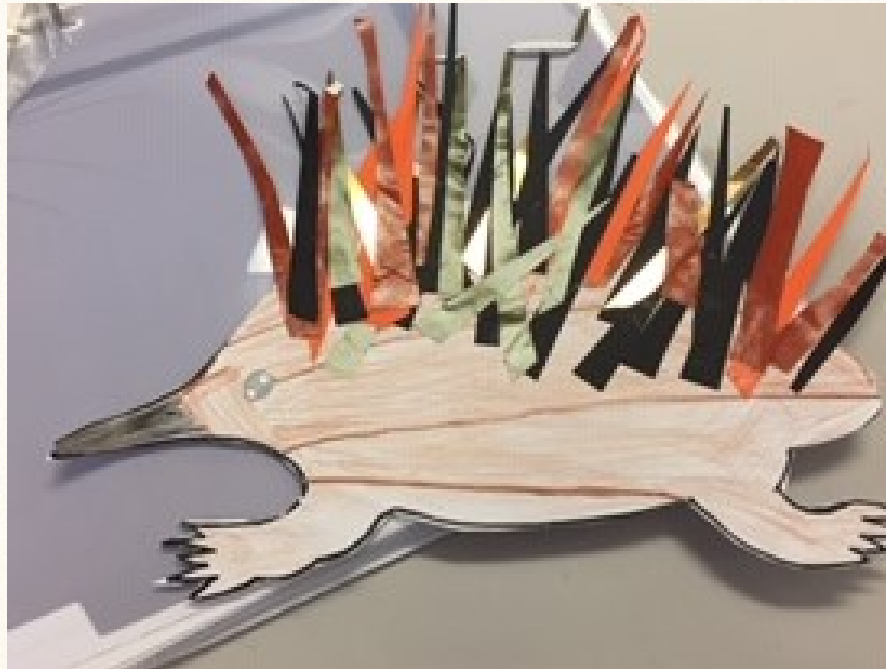
OBJECTIVE of SESSION

Provide an opportunity for online discussion around Phase 2 of research project to further develop it into a robust research project.



Aim of Pilot Program:

To develop and evaluate a pilot Kindergarten Play based Pre-writing Skills Program (KPPSP) across two primary schools in the Pilbara.



Fine motor activity involving colouring in, cutting, tearing paper, gluing.

Acknowledgement

Lynda Ryder: Elder, Teacher, Pegs Creek Primary School, Western Australia



PRE-WRITING SKILLS

- Foundational skills before children can write^{6, 7}
- Linked to academic achievement^{3, 6,}
- Promotes school readiness^{6, 7}
- Paucity of Aboriginal specific pre-writing skills program²
- Occupational Therapists(OTs) support remediation in handwriting^{3, 4.}
- OTs enhance children's access & engagement in early literacy activities as a whole^{4.}



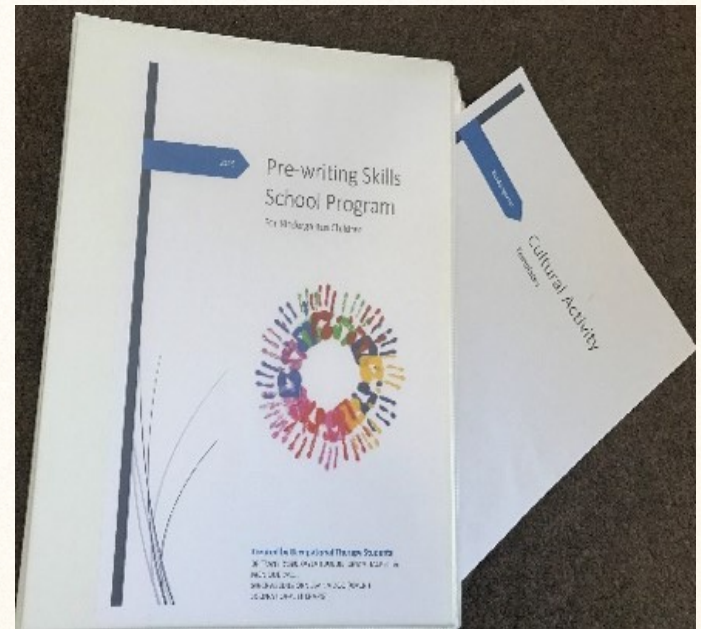
Playing : Drawing shapes in the sand with a stick



PILOT (Phase 1 of project)

Development

- Consultation with multiple stakeholders
- Literature review
- Play based Pre-writing Skills Program developed
- Multiple activities- indoor and outdoor activities @ School



PHASE 1 , CONT.

Implementation:

- Ethics from UWA & Dept. of Education
- Multiple training programs for teachers and education assistants (EAs) at 2 schools in Karratha.
- KPPSP left at schools for staff to use.

- KPPSP re-inforced by OT students on placement @ Schools



PHASE 1 , CONT.

Evaluation of KPPSP:

- Interviews & focus groups of teachers & EA's @ 2 schools
- Overall, findings suggest that the program is beneficial, and produced positive outcomes
- Recommendations:
 - Develop home program for parents to re-inforce
 - Suggestions around increased content of current school version
 - Online version to supplement hard copy



PHASE 2 (Scaling up)

Research Aim:

To implement and evaluate a Kindergarten play-based pre-writing skills program and its usability and benefits at school and at home for children in the Pilbara.

Proposed Timeline

- Teacher training across schools commence term 4 2020
- Implementation of KPPSP @ schools term 1 2021
- Implementation and family training from Term 4 2020

Others

- Ethics
- Reference Groups



OPTION FOR STUDY DESIGN

- Action research using mixed methodology with a parallel convergent design¹ is under consideration for schools and parents/carers.

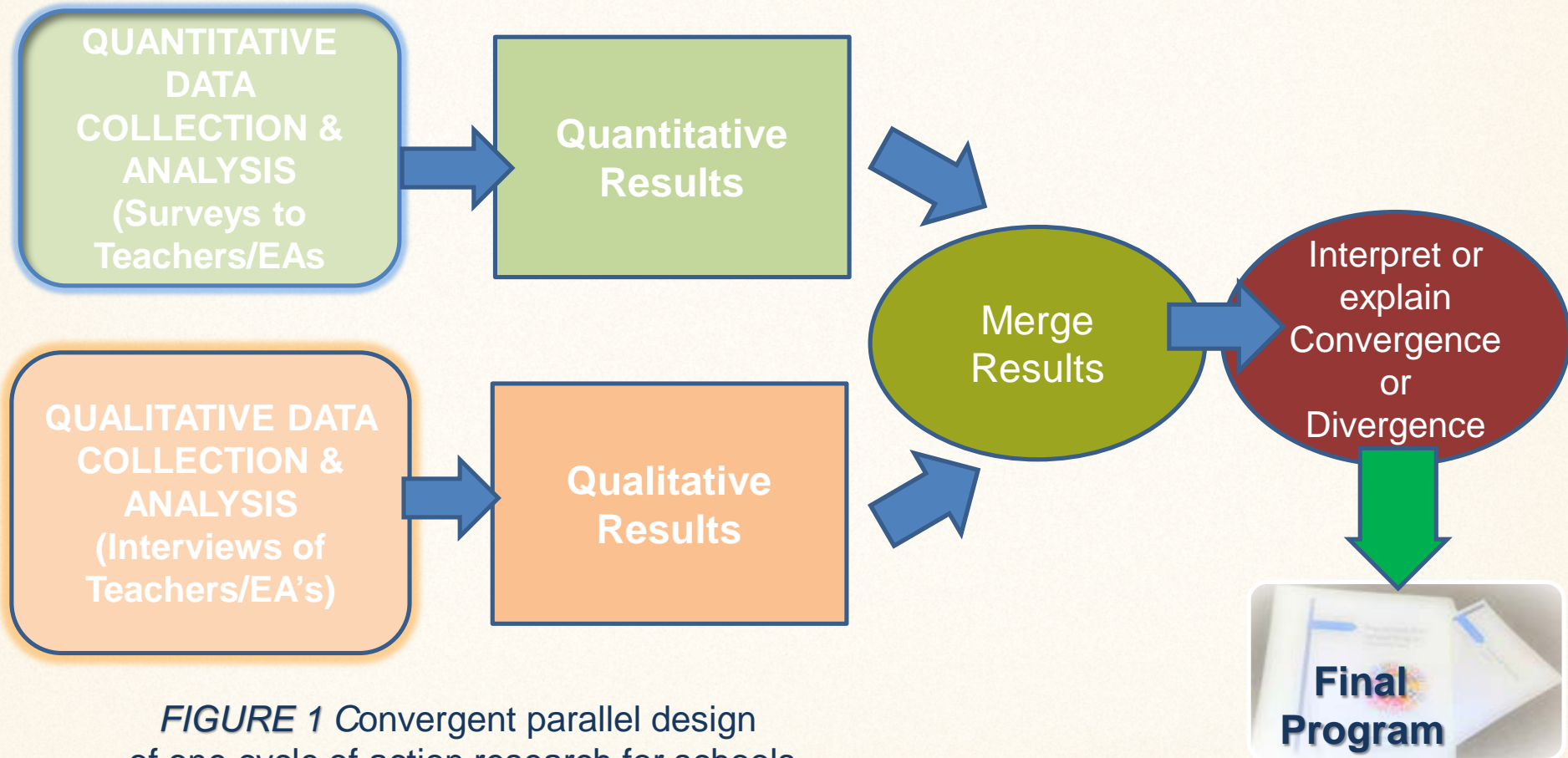


FIGURE 1 Convergent parallel design of one cycle of action research for schools



PHASE 2.1 :ACTION RESEARCH USING MIXED METHODOLOGY [SCHOOLS]

CYCLE 1 -Term 2(2021) **CYCLE 2** –Term 4(2021)

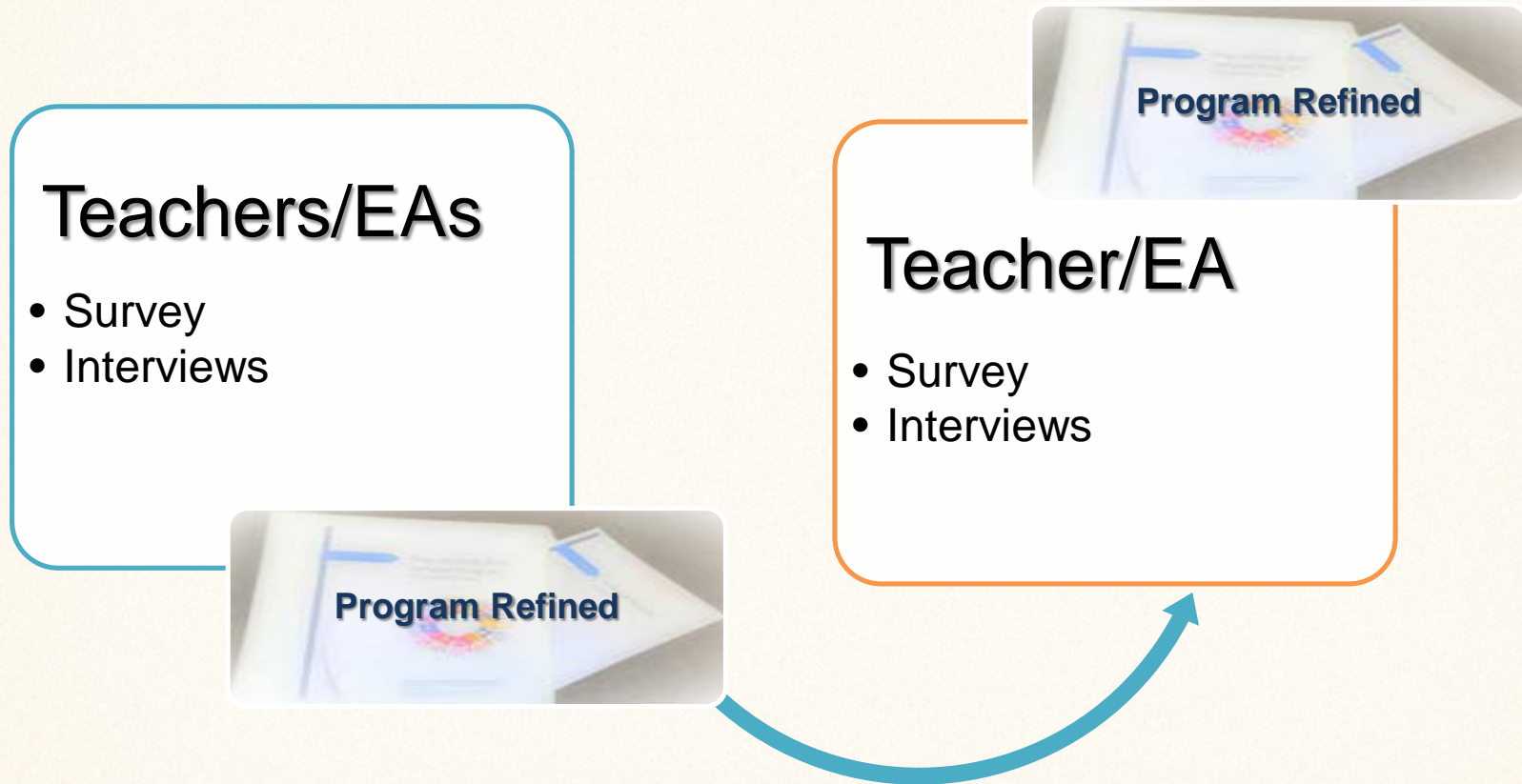


FIGURE 2 : Action Research using Mixed Methodology for Schools

* Collaboration with Reference Groups



PHASE 2.2: ACTION RESEARCH USING MIXED METHODOLOGY [HOME]

CYCLE 1 -Term 2(2021) **CYCLE 2** –Term 4(2021)

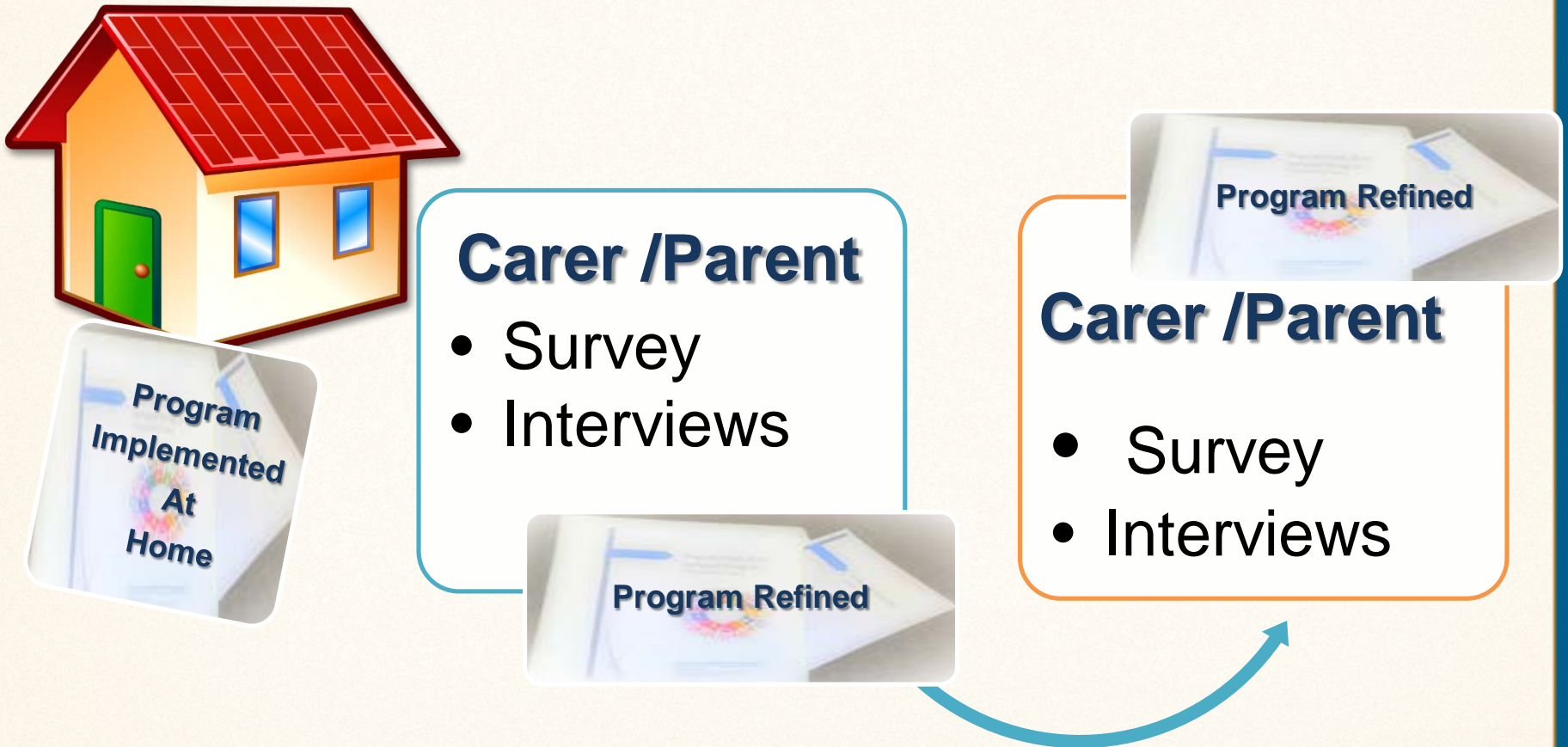


FIGURE 3 : Action Research using Mixed Methodology for Homes

* Collaboration with Reference Groups



EXPECTED RESEARCH OUTCOMES

Evidence to support development of a regional approach to developing pre-writing skills for children in the Pilbara

Improvement in:

- Usability of the KPPSP
- Bridging the gap between home and school
(Transitioning)

This study should also influence curriculum development around early literacy skills.



DISCUSSIONS

You are kindly invited to participate in the following discussions to assist the authors in refining development of this project across the region.

Please offer your thoughts around this via:

1. A virtual discussion site on Qualtrics

http://uwa.qualtrics.com/jfe/form/SV_a5UUPqB5v5e4iKp

and/or

2. A closed twitter discussion group that can be found at
#7rrhss#playbasedprewriting

Please complete by **COB 12.6.20**



WAY FORWARD

- The authors will analyse the feedback provided via the survey/twitter
- An update on the project will be submitted for publication in Partyline; an online magazine for the National Health Alliance; and can be found at

<https://www.ruralhealth.org.au/partyline/home>



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- ⁷ Kindsense Child Dev. Writing readiness (Pre-writing Skills). Retrieved April 25th 2020, from <https://childdevelopment.com.au/areas-of-concern/writing/writing-readiness-pre-writing-skills/?print=pdf>



THANK YOU



Any Questions

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