



Utilizing Research Based Methods in an Early Childhood Setting

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Practical ways teachers can incorporate research based methods in their early childhood setting



Today's Agenda

1. **Exploring the What and Why of research based methods?**
2. **The How? Tools to support teachers**
3. **Useful Resources**
4. **Q&A**

Exploring the What and Why of research based methods?

Think-Pair-Share and Turn and Talk



Why is research based methodology important?

Overall, utilizing research-based methodology in early childhood settings creates a solid foundation for learning, promotes optimal child development, and fosters accountability and transparency in the field. It's a crucial step in ensuring that every child receives the best possible start in life.

The Perry Preschool Project

FIGURE 1.

High/Scope Perry Preschool Study Major Findings at Age 19

Category	Respondents	Perry Group	No Program Group
Employed	121	59%	32%
High school graduation or GED	121	67%	49%
College or vocational training	121	38%	21%
Ever detained or arrested	121	31%	51%
Females: teen pregnancies per 100	49	64	117
Functional competence (APL Survey possible score 40)	109	24.6	21.8
Percent school years in special education	112	16%	28%

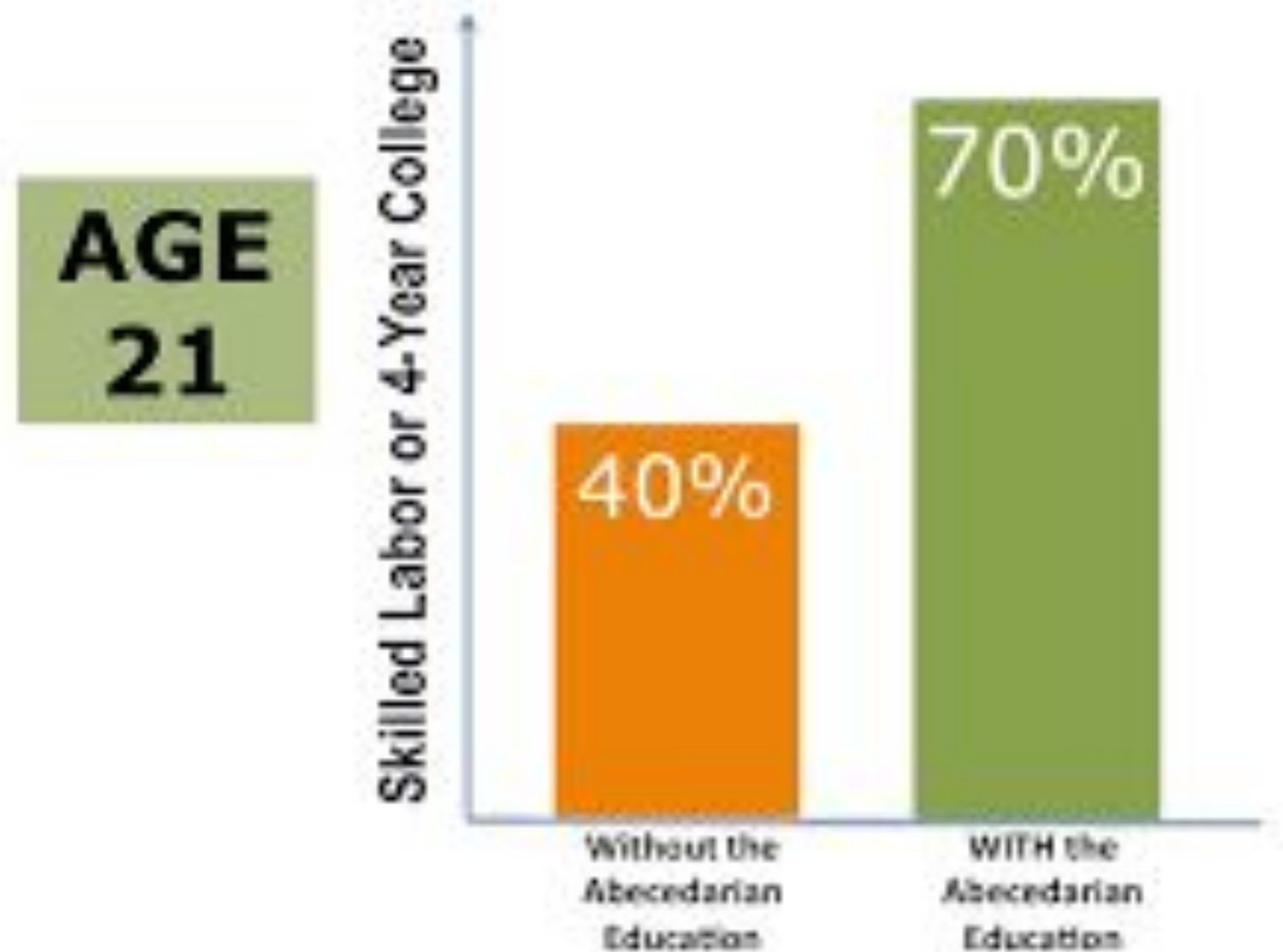
(Adapted from *Changed Lives*, 1984)

FIGURE 2. High/Scope Perry Preschool Study Major Findings at Age 27

Variable	Perry Program	No Program
\$2,000+ monthly earnings	29%	7%
Own home	36%	13%
Years of schooling completed	11.9	11
High school graduate or GED (all)	71%	54%
▶ Teen mothers graduated or GED	54%	35%
High school mean grade point average	2.09	1.58
Births to females out of wedlock	57%	83%
Female mean age at first child birth	22.2	19.4
Females married, living with spouse	40%	8%
Males years married	6.2	3.3
Social services ever used past 10 years	50%	80%
Five or more lifetime arrests (all)	7%	12%
▶ Males	35%	49%
Drug dealing or drug making arrests	7%	25%
Drink alcohol		
▶ Never	44%	36%
▶ Once in a while	40%	38%
▶ Several times a week	14%	18%
▶ Daily	2%	8%
Smoke cigarettes	45%	56%
Easy to feel close to others	55%	48%
Easy to work, study hard all day	47%	33%

(Adapted from *Significant Benefits*, 1993)

The Abecedarian Project



Key Findings from the Abecedarian Project

18 Months to 21 Years of Age

- Intelligence (IQ, including language)
 - Reading and math skills
 - Academic locus-of-control
 - Social Competence
 - Years in school, including college
 - Full-time employment
- Grade Repetition
 - Special Education placement
 - Teen Pregnancies
 - Smoking and drug use

Plus benefits to mothers of these children (education, employment)

Ramey et al., 2000

MindNurture

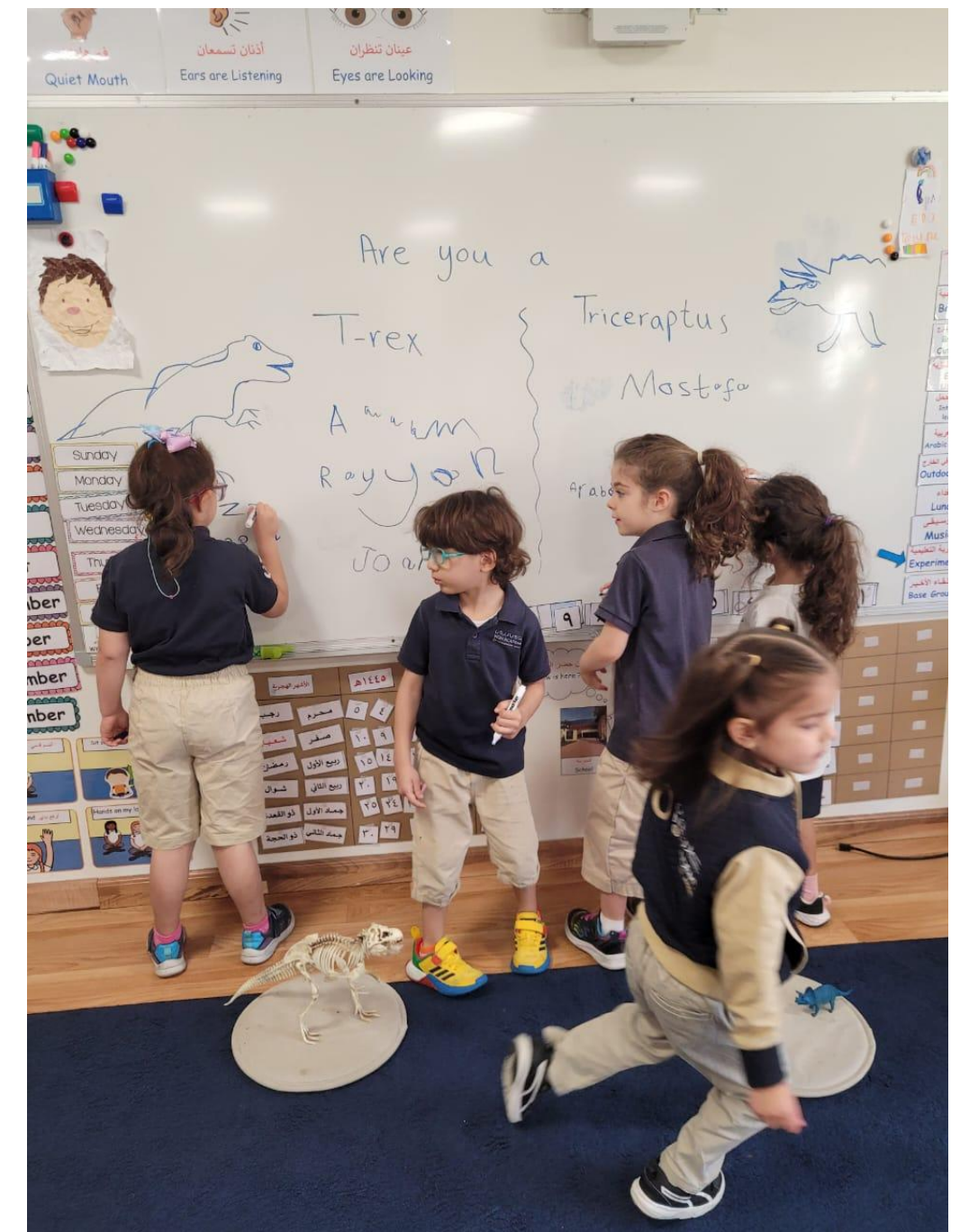


The impact of utilizing research-based methods in early childhood settings is **profound and multifaceted**, leading to positive outcomes for both children and educators.

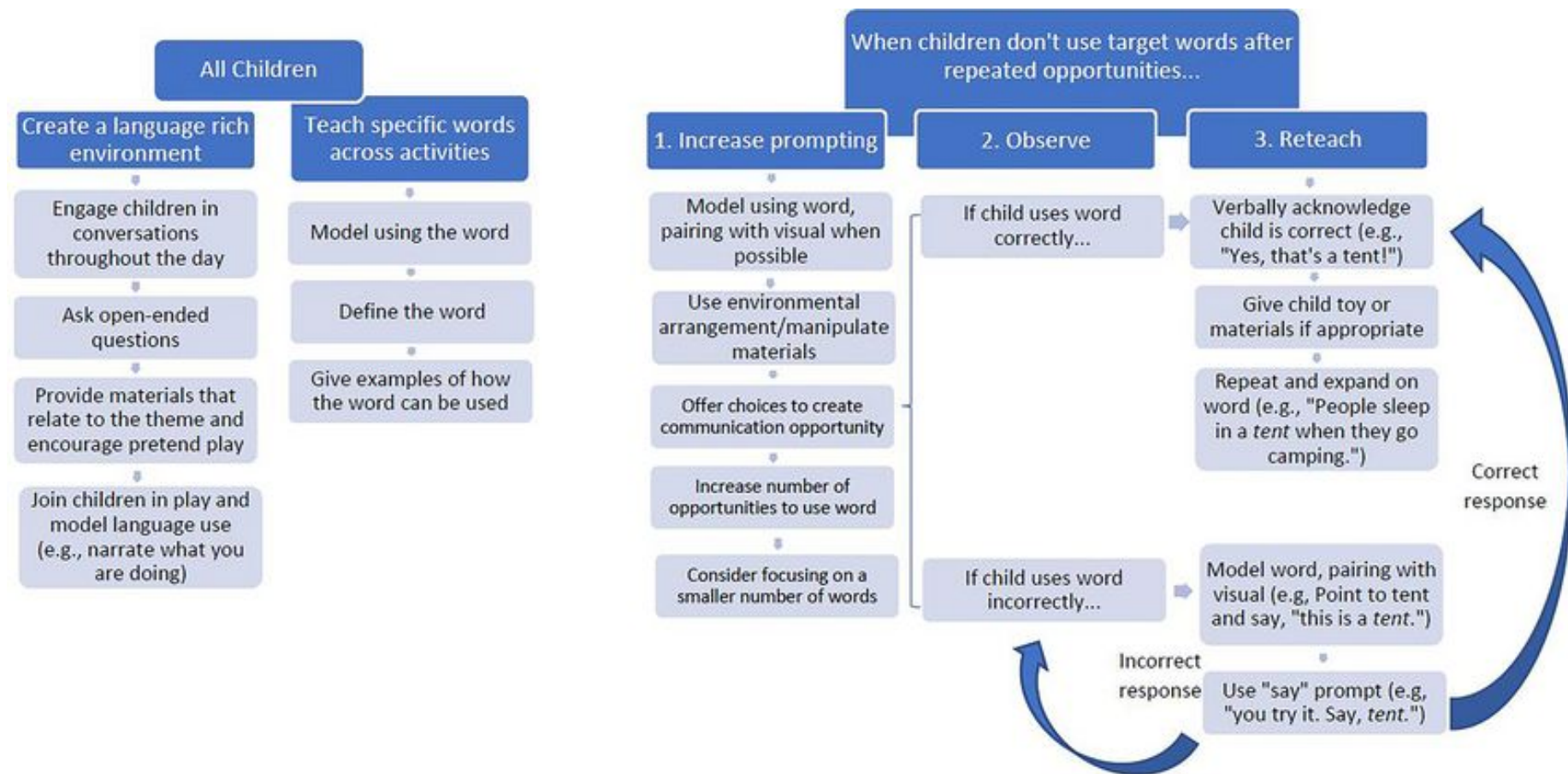
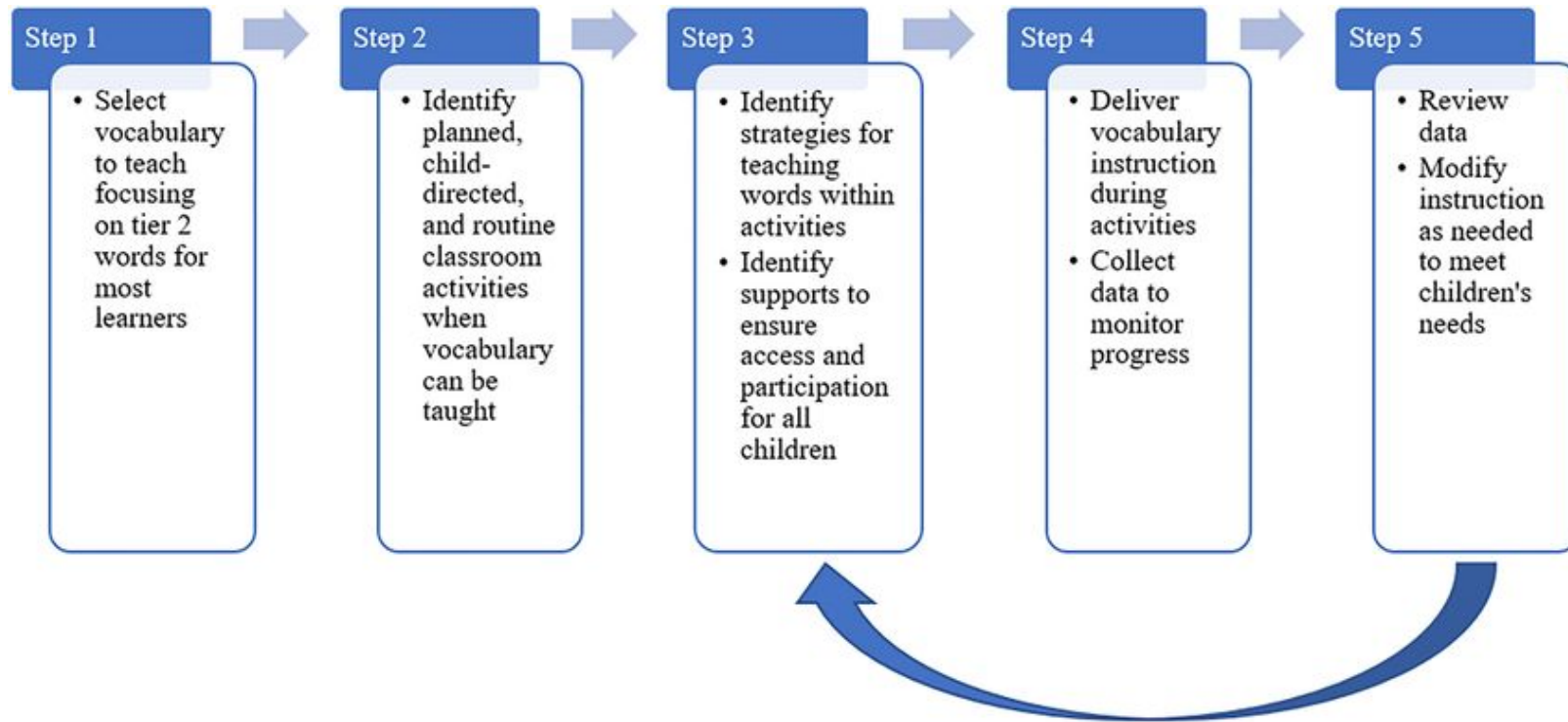


?How Tools to support teachers

Language and Literacy Development



Vocabulary Attainment



اسم الدراسة: الرمل
الأسبوع : ٢٠٢٤-٢-١٨ م

تجاربنا	<ul style="list-style-type: none"> • ماذا نجد في الرمل؟ • ما هي المخلوقات والنباتات التي تعيش في البيئة الصحراوية؟
أهدافنا	<ul style="list-style-type: none"> • المقدرة على القيام بنشاطين في وقت واحد، القدرة على الاستماع والعمل لمدة محددة. • يوضح خبراته و مفاهيمه و يسأل الأسئلة المناسبة للآخرين.
قصة الأسبوع	<p>الزحلوقة</p>

المفردات:
المفردات اللغوية: زحلوقة ، صاحت ، ملت ، دلّوات ، تفرّقت ، مللت .
الكلمات البصرية: (توت)

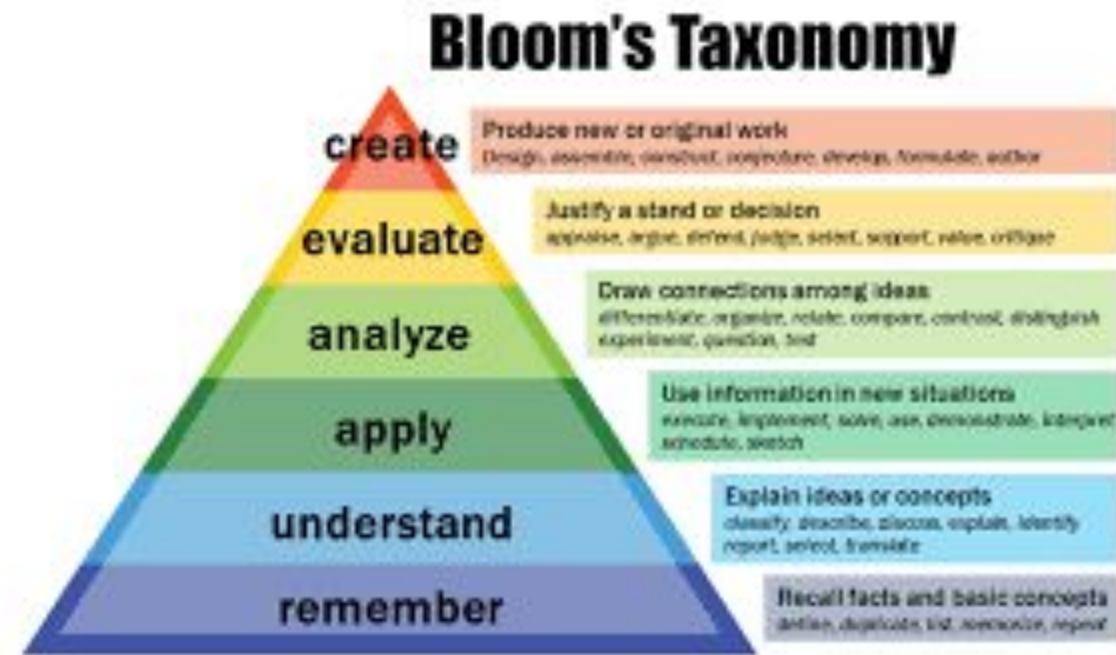
Dialogic Teaching



Finger Play and Nursery Rhymes



Repeated Read Aloud



Repeated Interactive Read Alouds

What it is...	What it is not...
Carefully planned, systematic text selection	Grabbing any book off the shelf
Engaging, dialogic, interactive, analytical	"Rocking chair reading"
Meaningful repeated reads	One and done
Reading for different purposes each time	Broken record reading
Includes pre-planned questions and tasks	Thinking up some questions at the end



Cognitive Development



Open Ended Play



Scaffolding and guided play



Integrated Maths



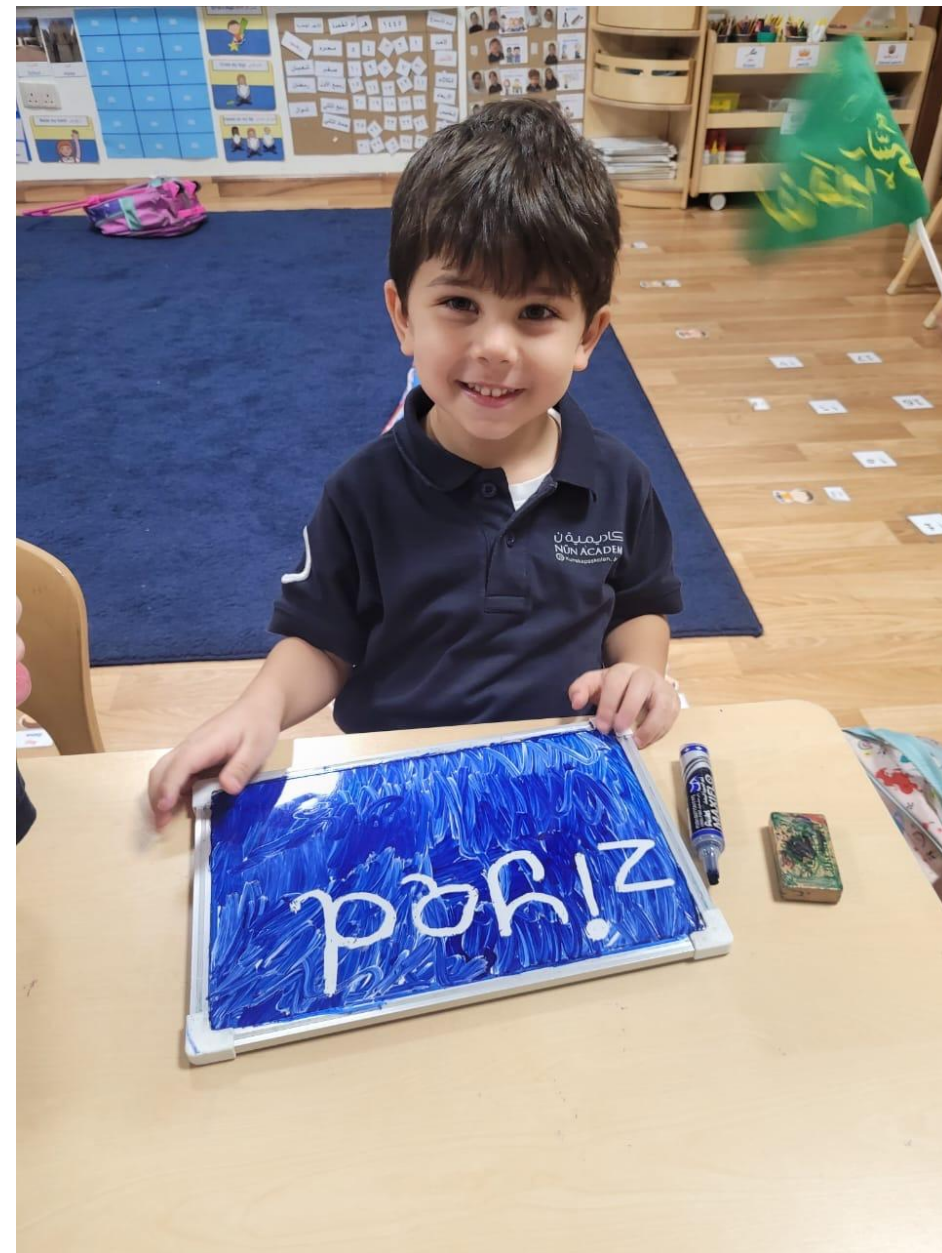
Inquiry Based Learning



Physical Development



Writing Instruction



The Reggio Emilia Approach



Useful Resources

The Perry Preschool Project

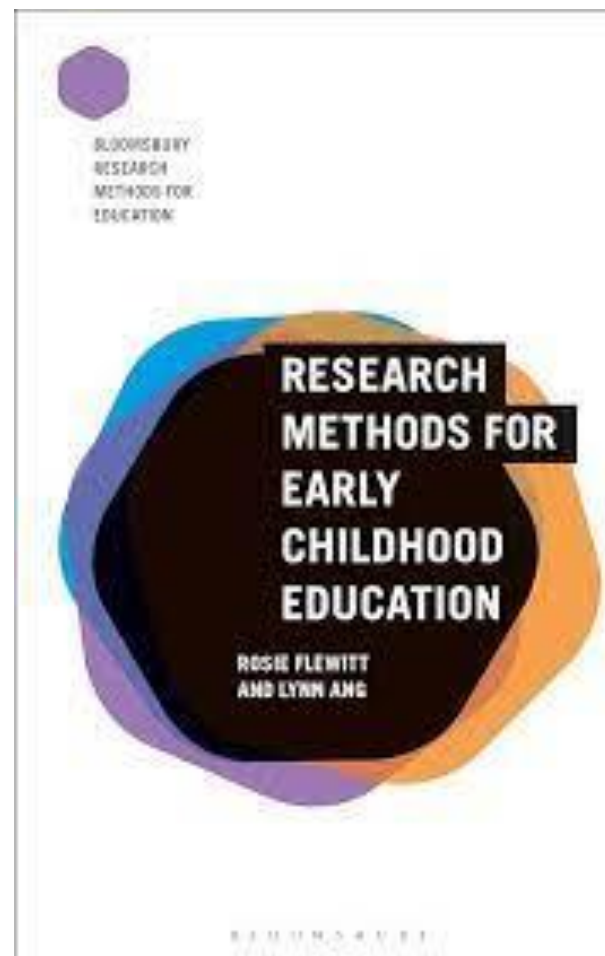


National Association for the
Education of Young Children



NATIONAL CENTER ON

Early Childhood Development, Teaching and Learning





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