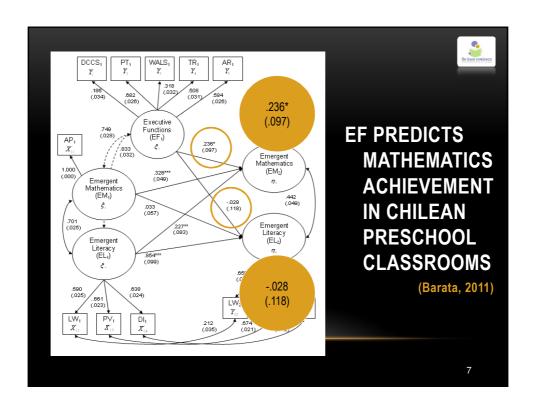


WHY DO WE USE THE TERM SELF-REGULATION WHEN TALKING ABOUT EXECUTIVE FUNCTIONS?

- Un boen comien
- EF is the set of cognitive processes that are integral to the emerging self-regulation of behavior and the developing social and cognitive competence in young children.
 - One part of the self-regulatory system (emotion, social, behavior regulation)
- Self-regulation is a term that is more familiar and intuitive to teachers.

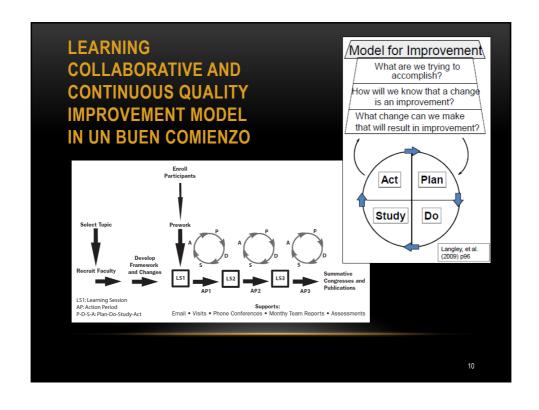
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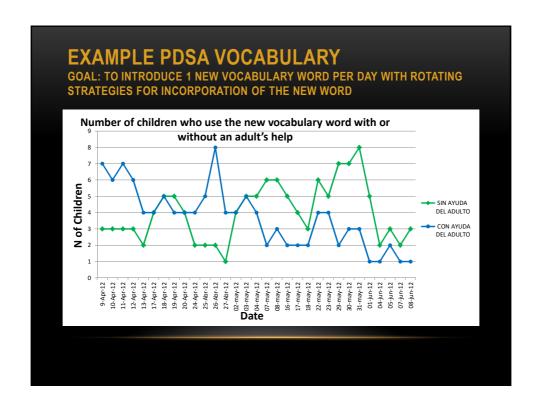
WHY DOES EF/SR MATTER?* Executive Functions **Description **Academic Achievement** **Acad











CONTEXT FIRST BARRIERS



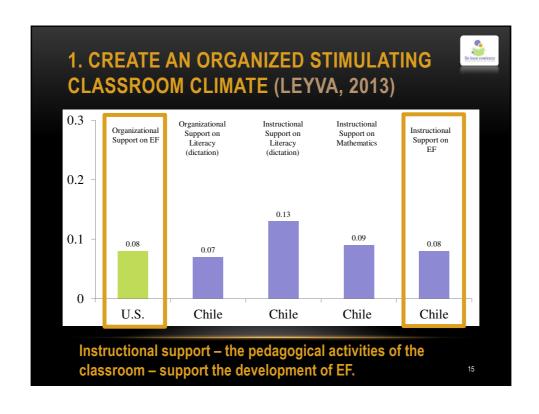
- Teachers do not "see" emotional development or self-regulation associated with other school readiness skills (e.g. language).
- Strong culture around overprotection and babying of preschoolers parents expect preschool teachers to never leave kids unnatended
- Difficulty in finding a tool for target setting and/or teacher monitoring.
- Large class size (1 adult for 25 children) & heterogeneous age classrooms in rural sectors.
- Classroom team has to accomplish high number of tasks every day.
- Irregular attendance of children (<u>Basta de Yo No Fui</u>)

WHAT WE OBSERVE IN THE CLASSROOMS

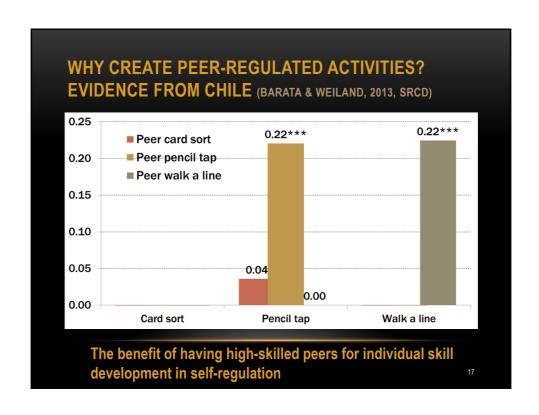


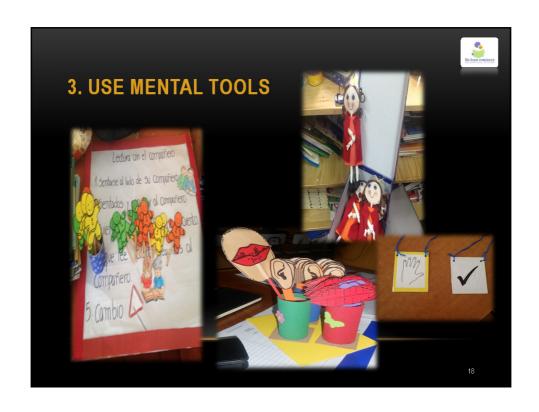
- Difficulty remaining seated.
- Difficulty concentrating.
- Difficulty following instructions and rules.
- Loss of time at the beginning or switch to another activity.
- Interruptions during class.
- Difficulty taking turns.

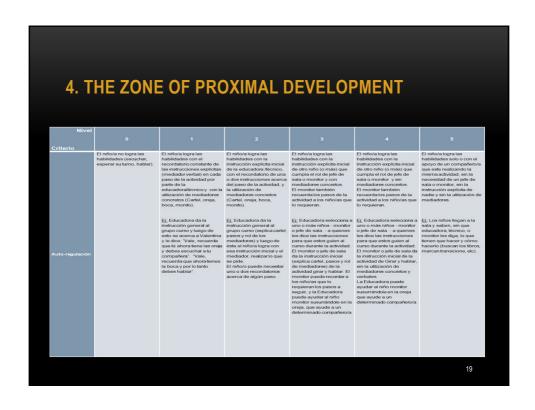
CREATE AN ORGANIZED, STIMULATING CLASSROOM CLIMATE Diminish exposure to situations where executive-function skills tend to fail (Blair & Diamond, 2008). Increase opportunities for children to practice self-regulated learning throughout the day.

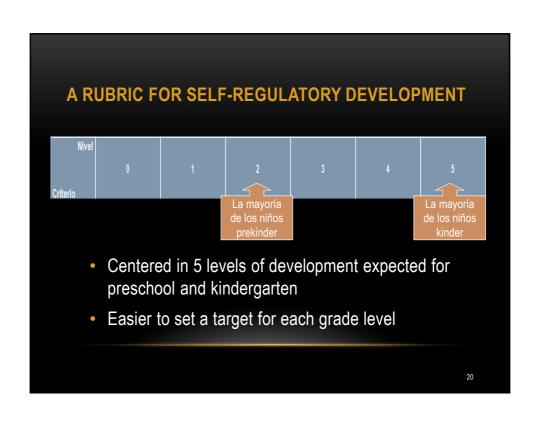






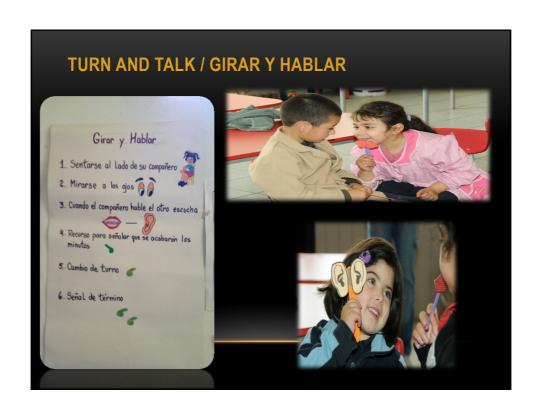


















WHAT HAVE WE FOUND SO FAR

- Educate teachers about the components of EF so they can "see" them in the classroom.
- Focus on the self-regulation continuum: do not stop just because you can control the classroom (long-term goal setting)
- Self-regulation happens fast and kids get bored.
- Classrooms start, develop and end at different levels.
- Adding CQI to UBC improved the program and led to positive impacts on language and literacy outcomes; no test of self-regulation outcomes yet

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REFERENCES

 The Breakthrough Series: IHI's Collaborative Model for Achieving Breakthrough Improvement. IHI Innovation Series white paper. Boston: Institute for Healthcare Improvement; 2003. (Available on www.lHl.org)



Yoshikawa, H., Leyva, D., Snow, C., Trevino, E., Barata, M.C., Weiland, C., Gomez, C., Moreno, L., Rolla, A., D'Sa, N., & Arbour, MC. (2015). Experimental Impacts of a Teacher Professional Development Program in Chile on Preschool Classroom Quality and Child Outcomes. *Developmental Psychology, Vol.* 51(3), 309–322. DOI: http://dx.doi.org/10.1037/a0038785.



Leyva, D., Weiland, C., Barata, M.C., Yoshikawa, H., Snow, C., Treviño, E., & Rolla, A. (2015). Teacher-child interactions in Chile and their associations with prekindergarten outcomes. *Child Development*. DOI: 10.1111/j.cev.12342

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