

Co-creation of a formative assessment instrument for preschool teachers

Índice de Desarrollo Infantil (IDIL)

Samy Duarte y Armida Lizárraga

ProLEER 2023

L ◡ M I N ▲ R I ●

Reopening schools after COVID-19



Schools in Peru
were closed for two
years

Teachers didn't
know how to
address
challenges*

Ministry of Education
had a 71-item checklist
to know assess
students

Teacher's survey results and emotional regulation

Survey of challenges found by teachers after reopening schools *

65 % of children had difficulties following basic classroom norms

62% had low frustration tolerance

*Teacher survey about challenges in reopening schools designed by Luminario team

** Emotion regulation checklist (Shields & Cicchetti, 1995)

Emotional regulation **

71 % of children

Difficulty regulating emotions and behaviors

40% of 4-year old

Emotional dysregulation, lack of flexibility, and abrupt mood changes

56%
3 y 4 year old

Low empathy and care for others when they are sad, worried, or hurt

*Representative sample of 341 children from a total of 2210

Why Formative assessment and IDIL?

We sought to design a formative assessment instrument so teachers could make decisions based on patterns they find in their students



The instrument had to be:

- Clear
- Pertinent
- Easy to apply

Teachers would be able to:

- ❖ Design learning experiences aligned to student needs.
- ❖ Allow them to give feedback to their students
- ❖ Read and analyze results finding patterns in their classroom group
- ❖ Identify the actual level where students are and create a classroom snapshot.

How was the design and piloting process of the IDIL in 2022?

1

Mapped out other formative assessments in Peru and internationally

2

Selected 8 volunteer Alumni to pilot the program

3

Our alumni gave feedback on the clarity and pertinence of the indicators in the checklist

4

Luminario incorporated feedback to the checklist

5

Alumni teachers applied the checklist and assessed ease of implementation

6

Luminario made suggested changes to checklist

What does IDIL look like?

1

4 areas

Socio emocional

Motor

Language

Cognitive

2

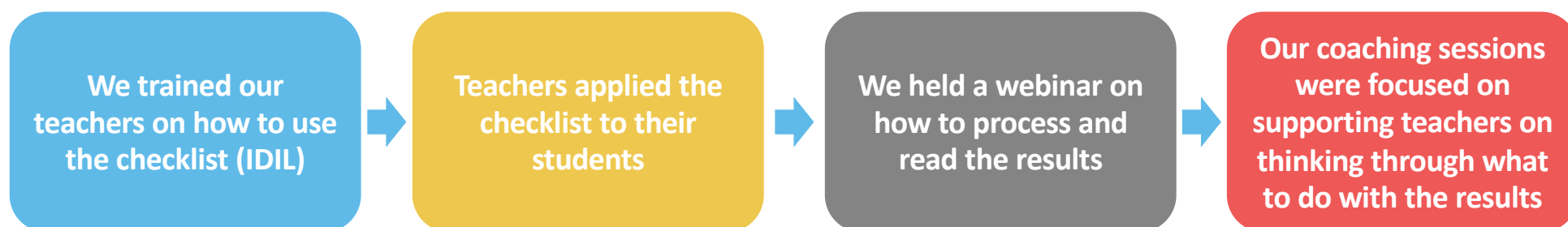
20 items total

3

Ages 3, 4 and 5

The image displays three overlapping forms for the Índice de Desarrollo Infantil - Luminario (IDIL). Each form is titled 'Índice de Desarrollo Infantil - Luminario para alumnos/as de [age] años' and includes a 'Datos generales' section with fields for 'Nombre completo del/de la estudiante', 'IE', 'Fecha de nacimiento del/de la estudiante (DD/MM/AAAA)', and 'Fecha de aplicación (DD/MM/AAAA)'. The forms are for ages 3, 4, and 5. The 3-year-old form includes a 'Desarrollo del lenguaje' section with questions about understanding instructions, conversation, and asking questions, accompanied by a small illustration of a child. The 4-year-old form includes a 'Desarrollo socioemocional' section with questions about social interaction and responsibility. The 5-year-old form includes a 'Desarrollo cognitivo' section with questions about drawing, object recognition, and temporal expressions. Each form has a 'LUMINARIO' logo at the top right.

How did we use the IDIL in 2023?



Our teachers (Súper Profes) had a snapshot of their classrooms. This gave them a clear picture of the patterns of challenges their group of students faced and to inform design of learning opportunities to help their children.



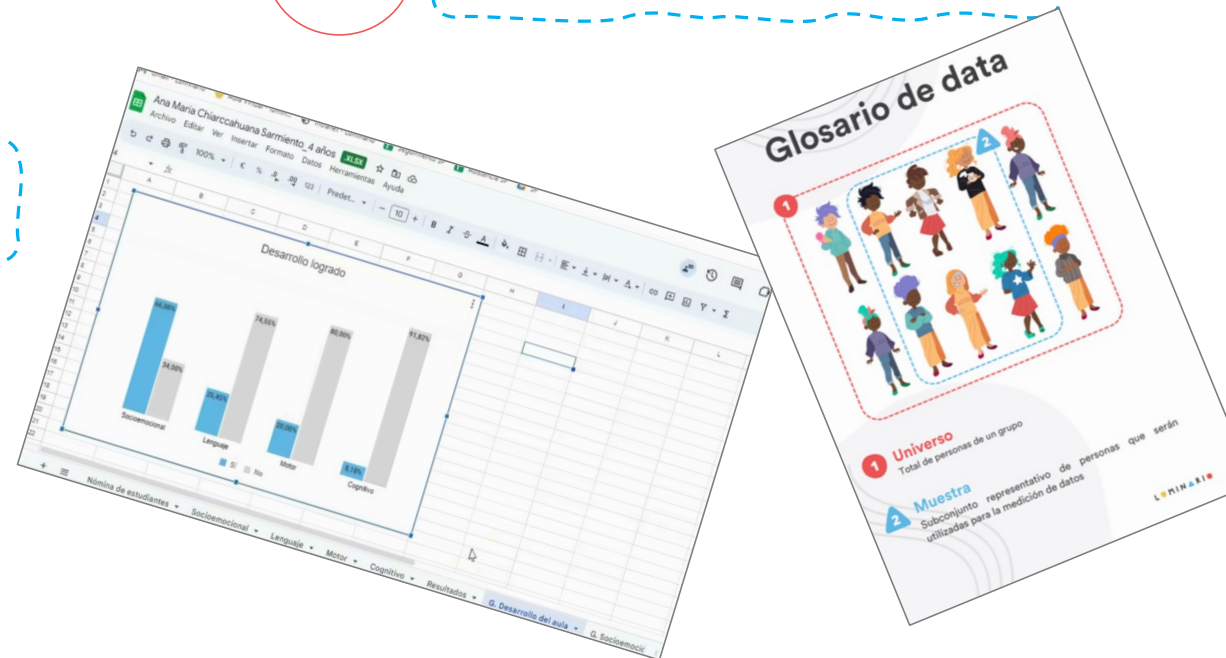
Which were the implementation components?

1

Informative session with principals and teachers about IDIL

2

Tutorials on our online learning platform about how to read data and a workbook



Which were the implementation components?

3

Webinar about how to prioritize and target needs according to group results

4

Design an action plan using “modelo escalonado” (prioritizing)

Para realizar la respuesta a mi intervención necesito...

- 1. Leer los resultados**
Recuerda leer los resultados de manera gráfica e ir anotando información que te va sorprendiendo. ¿Cómo puedo ayudar a mis alumnos?
- 2. Identificar el % de los indicadores “No logrados”**
De esta manera permitirá afinar tu ojo en el foco de atención será en los 2 o 3 aprendizajes por lograr.
Recuerda usar la siguiente fórmula:
 $100\% - \% \text{ del logro} = \% \text{ del no logro}$
- 3. Identificar áreas de urgencia**
Saber qué área es la que necesito trabajar con mayor urgencia. ¿Cuál priorizaré? ¿Serán 2 o 3? ¿Por qué?
- 4. Mirar la fotografía de mi aula**
Recuerda ponerte los lentes de ver a toda tu aula e identificar subgrupos para una intervención focalizada e intencionada.

... y claro, necesito estar convencida que necesito interpretar datos para tomar decisiones acertadas y mejorar las oportunidades de aprendizaje.



Analizando la data de mi aula

Para completar esta plantilla es necesario que tengas los gráficos con los resultados del IDIL aplicado a tu aula.

	Análisis			
¿Algún dato que te llame la atención? ¿Por qué? * Escribe el indicador, porcentaje y justifica tu respuesta.				
Identifica el puntaje más bajo en cada área * Escribe el indicador y porcentaje	Socio Emocional	Lenguaje	Motor	Cognitivo
¿Qué área tiene una necesidad más urgente? ¿Por qué es la más urgente?				

Some preliminary results

83% of teachers
are still using IDIL

73% of teachers
use modelo
escalonado to plan
sessions

98% of teachers
perceive positive
learning in
students

* Survey of 83 teachers (88%)

Experiences shared from one of our Súper Profes



¡Muchas gracias!



www.luminario.pe

blog.luminario.pe