# SOTEM



Solem (support and observe language and communication in kindergarten children): an observation tool for teachers

## Christelle Maillart,

Sandrine Leroy, Lisandre Bergeron-Morin and Lise Desmottes Université de Liège, Belgique

#### **OVERVIEW OF THE PROJECT**

- Project sponsor (FWB) identifies two needs :
  - -> to support language development in 4-years-children (second grade of kindergarten)
  - -> to develop an observation tool to facilitate concertation between kindergarten teachers and PMS (psychological and social staff in school)
- FWB Belgian context in the kindergartens:
  - High ratio of children/teacher (16/1) in classes
  - The teacher receive a 3 year training with little knowlegde on language development in children or learning support
- → Creation of Solem, an observation tool by a SLT team

aims to fine-tune teachers' observations to better identify the needs of the children and to provide adapted supporting strategies.

#### **KEY COMPONENTS**

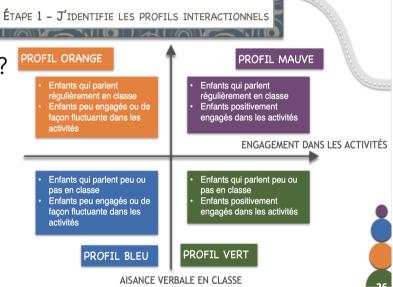
# A tool based on 5 steps:

• Step 1: observation of the group to identify the interaction profile of each child by answering the following two questions

• Does the child speak a lot?

• Is it engaged in the classroom activities?

→ Make a portrait of the classroom (each child gets a colour profile)



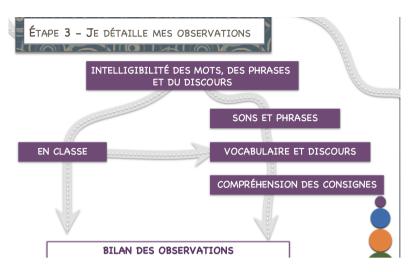


Step 2: observation of each child in proposed activities suggested situations for each colour profile (→ get more information)

#### **KEY COMPONENTS**

Step 3: <u>detail of observations</u>

 (answering specific questions)



• Step 4: determination of the level of support

cercle: to provide a rich language environment (no need of specific support)

square : more conscious and frequent use of supportive strategies (some difficulties in language or communication)

triangle: more intensive and specific support needed (children may present significant difficulties in language)

Step 5: <u>support</u> the child language choosing some <u>strategies</u>
 (whole-classe strategies, strategies for a group of children or specific strategies for some children)





#### MAIN ASSESTS

- Focus on observation as a way to determine the child profile and to support its language capacities
- New knowledge on language development
   « there are things I would never have thought to observe »
- light on « invisible » children (silent and quiet)
- Focus on content of the interaction (eg. participation) and how the child feels in class and not on the formal aspects of the language (eg. prononciation)
- Auto-assessment tool (revision of the strategies)

#### **OUTCOMES / Observation**

#### Valid tool:

Significant correlations between children (n= 219) individually assessed by a SLT and by their teacher (n= 22) using SOLEM

• The Support profile (cercle (41%), square (29%), triangle (30%)) corresponded effectively to the individual language assessement of the child made by a SLT

#### Teachers' feedback :

 They found SOLEM interesting but they did not recognize their own role in language support, especially with children with developmental language disorders

I don't need to do, the child is already treated by a SLT

• At a loss with multilingual children

Anyway, s/he doesn't understand

## **PERSPECTIVES**

## SOLEM is effective but

- the teacher could be relectuant to use it (not their role)
- they don't always reach alone Step 5 to think about their use of strategies



→ support the implementation process (What is the best way to do it?)

and the role of teacher (*How could we change their representations?*)