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HCD AND INCLUSIVE PEDAGOGY

THE EXPERIENCE

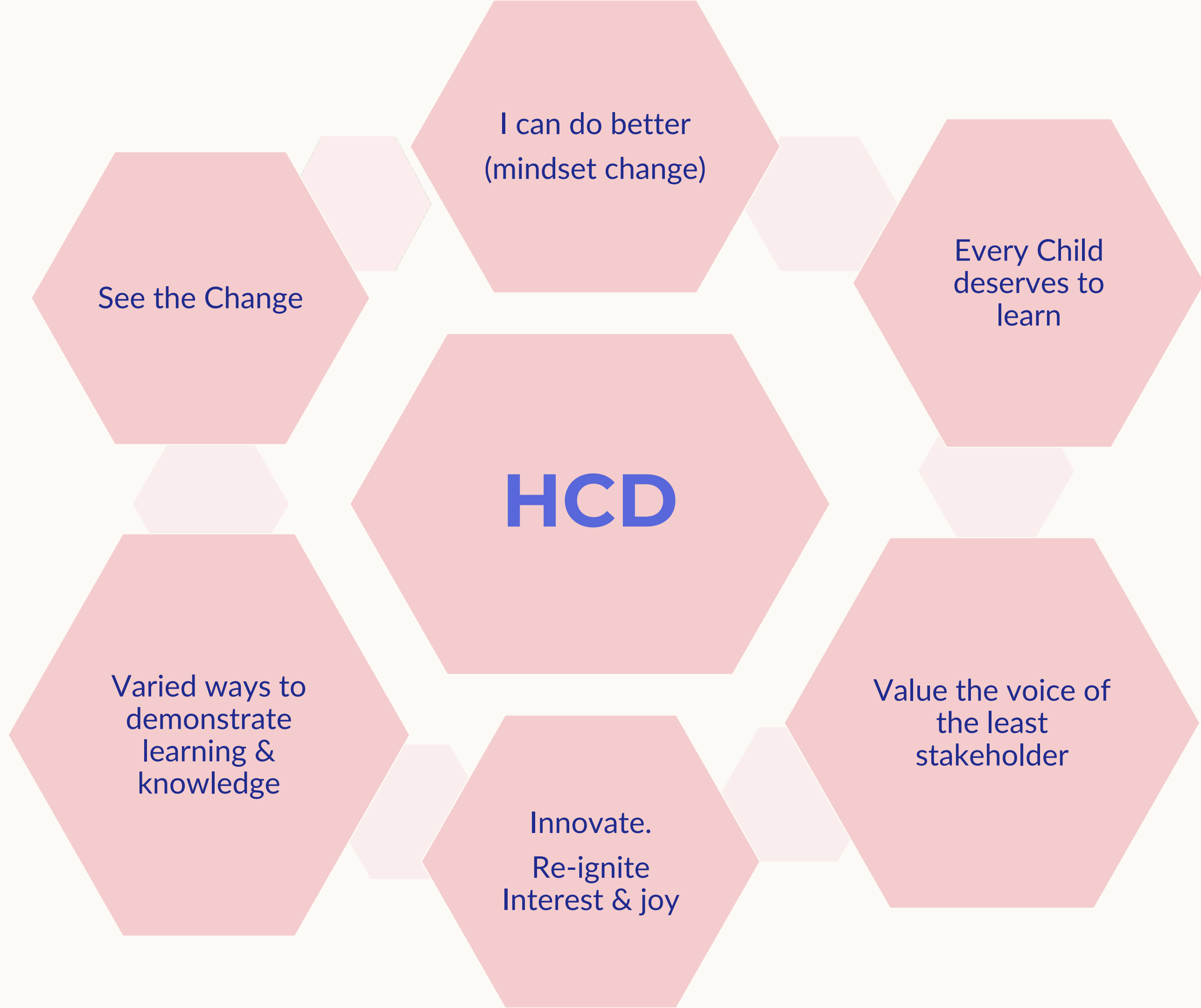
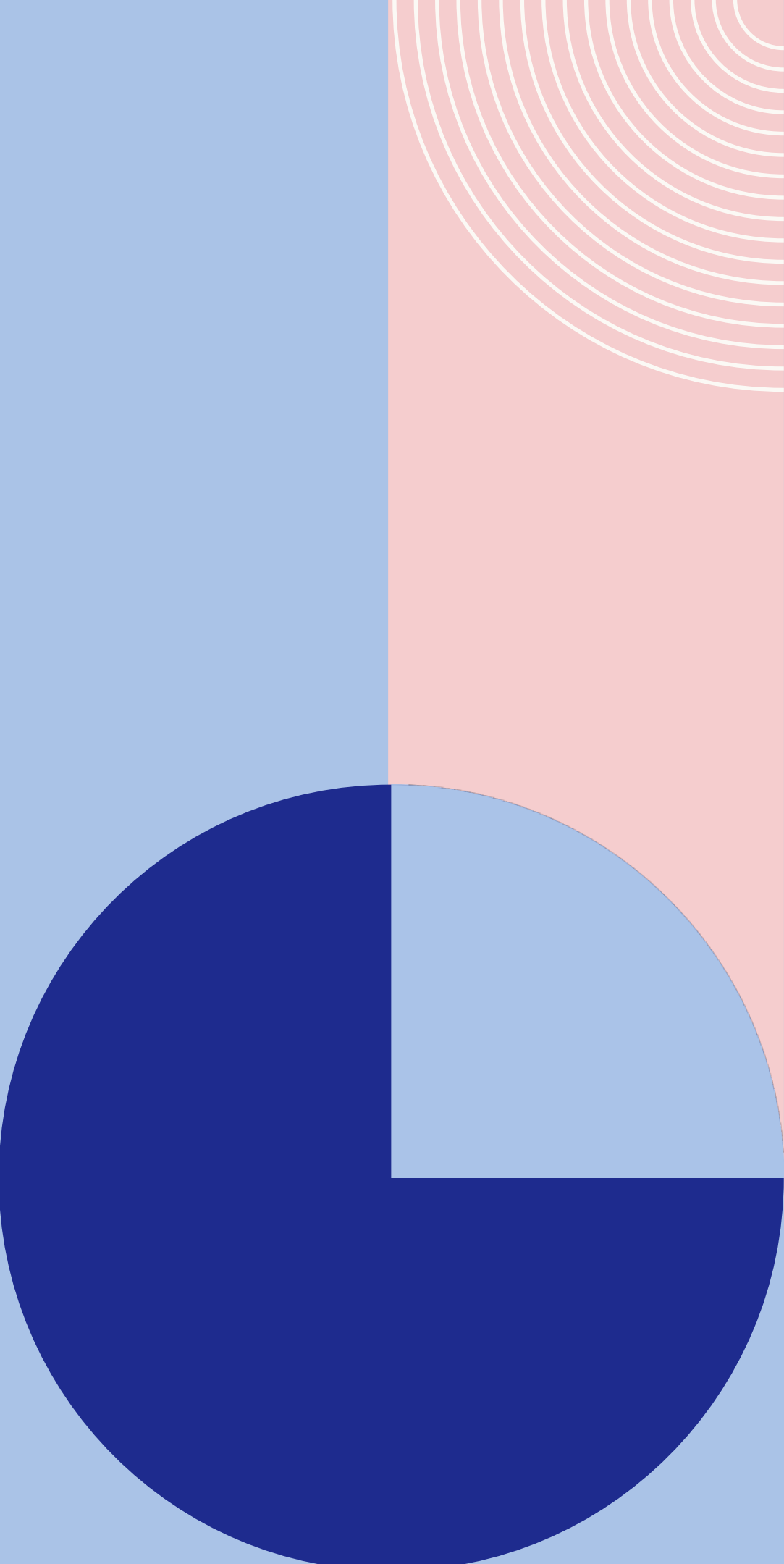
INCLUSIVE PEDAGOGY

Teaching and Learning approach that attends to individual differences between pupils but avoids the marginalization that can occur when pedagogical responses are designed only with particular needs in mind.



HCD

ASSESS ➤ **INNOVATE** ➤ **SHOWCASE**



See the Change

I can do better
(mindset change)

Every Child
deserves to
learn

HCD

Value the voice of
the least
stakeholder

Innovate.
Re-ignite
Interest & joy

Varied ways to
demonstrate
learning &
knowledge

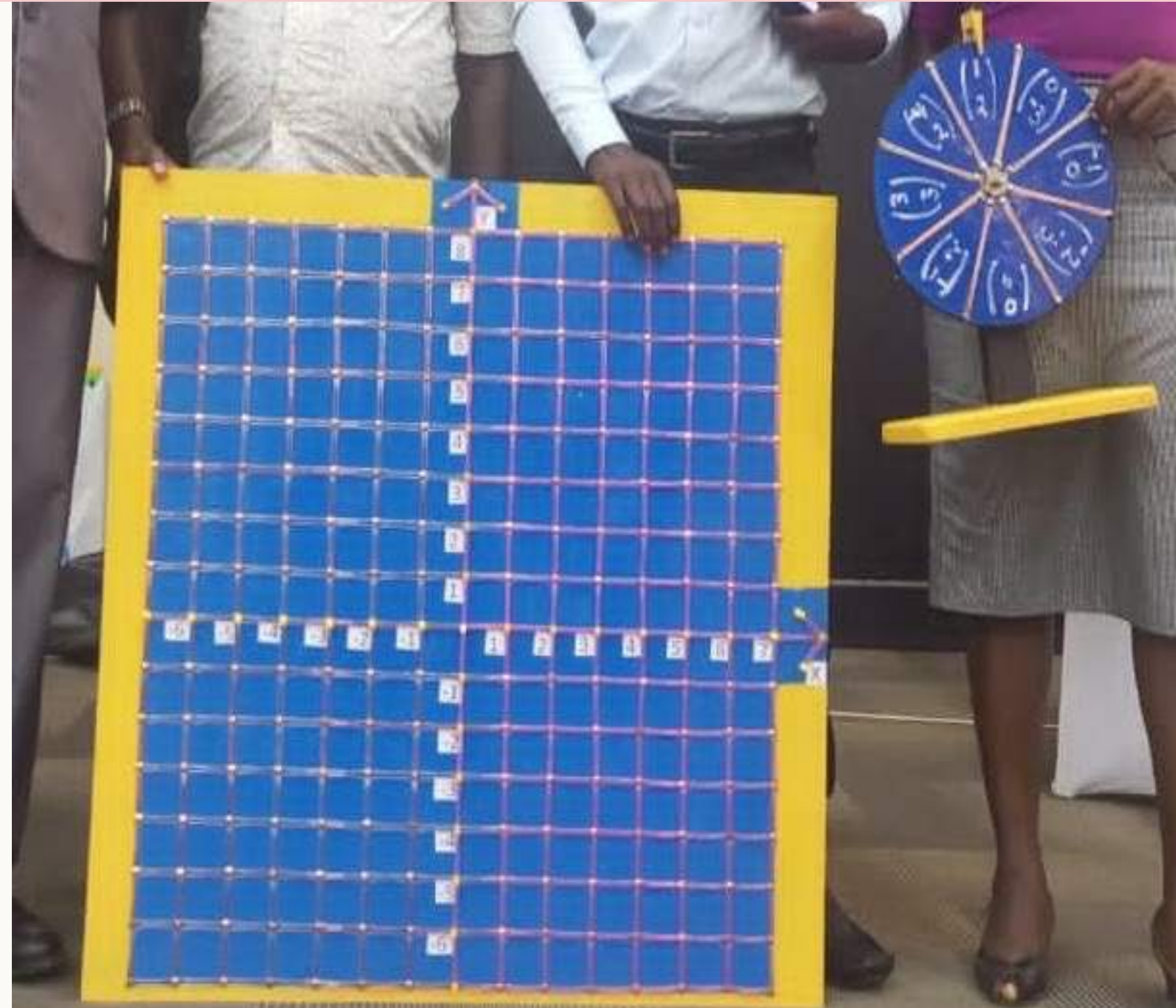
INNOVATION: SPINNING POSSIBILITIES

Spinning Possibilities is a solution that consists of:

- A spinning wheel
- A cartesian board

MATERIALS USED

- ❖ Plywood
- ❖ Straws
- ❖ Pins
- ❖ Paint
- ❖ Plasticine



THE SHARED EXPERIENCES

“During examinations, we won’t be able to forget vectors because something done practically is remembered faster than something done theoretically.”

(Secondary school student)

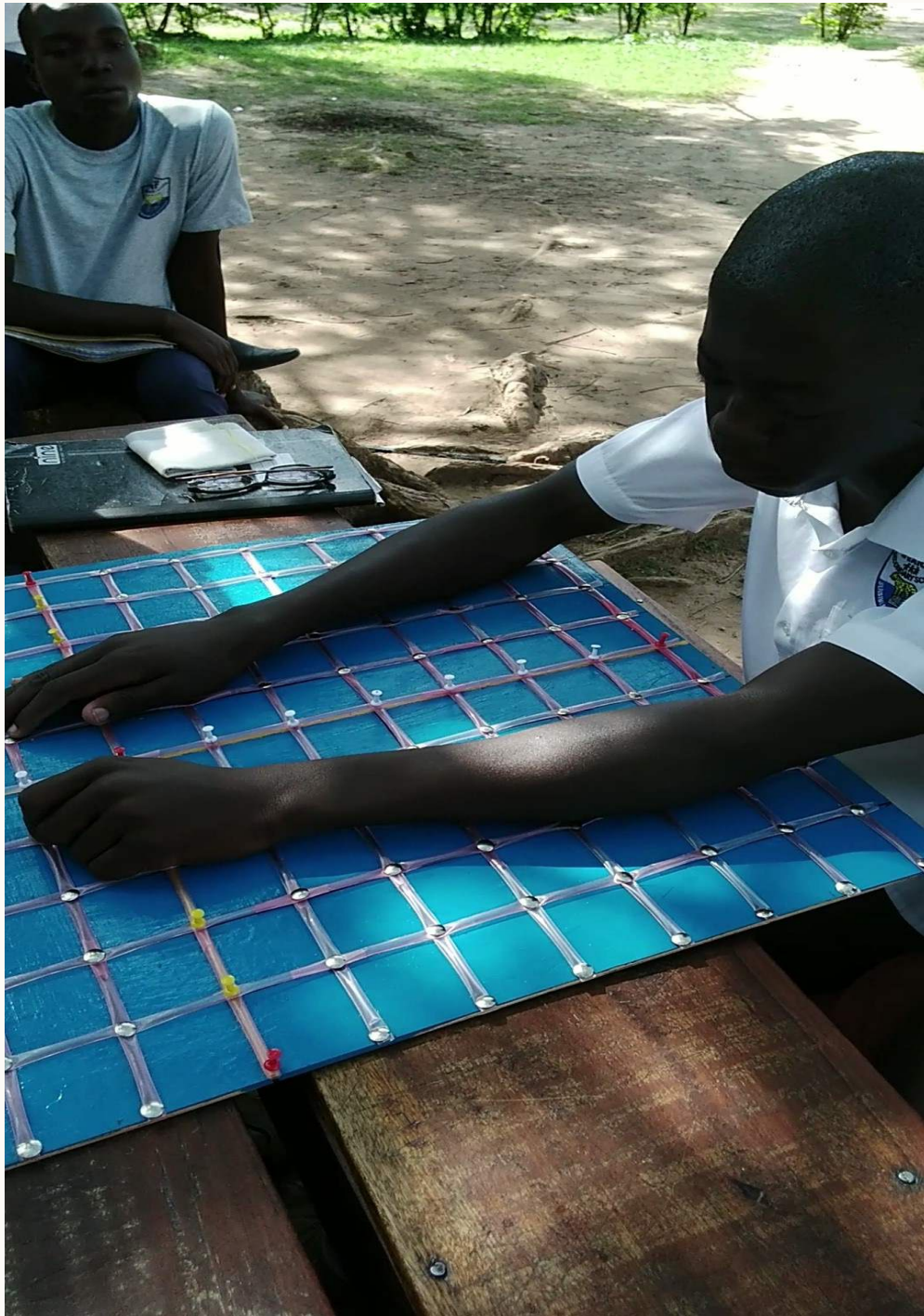


THE EXPERIENCES SHARED



“Doing maths practically in class made me very happy. In the past when we were doing it in graph books, it was somehow very complicated, the lines could not appear well, but here , the lines appear very well and plotting points and counting is very easy. Sometimes in the graph book, counting squares is difficult. I am very lucky because now I understand vectors well.” (Secondary school student)

THE EXPERIENCES SHARED (VISUALLY IMPAIRED LEARNER)



“I am very happy about this innovation. Before, I used to hear about the x and y axes but I didn’t know how they are. Now I know how to plot everything on it”.

(Secondary school student)

THE IMPACT OF THIS SOLUTION

- It has enhanced my capacity to become a facilitator of learning and not only giver of knowledge.
- Peer-to-peer support for a dyslexic students with visual impairment and multiple disabilities is now possible.
- Visually impaired learners in any class can safely and easily use the cartesian board to do graph-related concepts on the same board, struggling learners are also catered for.
- It has demystified the concept of translation and vectors.
- It has created an active learning environment reducing fear in the students through the exciting spinning wheel used to give vectors to be translated on the cartesian board.

REFLECTION QUESTION

What new inclusive assessment styles and approaches can we adopt for our learners?

THANK YOU

