




Designing Teacher Learning

How might design enable practitioners transitioning from traditional classrooms to ILEs?

Dion Tuckwell
dion.tuckwell@monash.edu



**Teacher learning – collaborative,
action-orientated, and co-designed
– is fundamental to change**



Educational Research and Innovation
**Teachers as Designers
of Learning Environments**
THE IMPORTANCE OF INNOVATIVE PEDAGOGIES
Alejandro Paniagua and David Istance

“

**Teacher learning – collaborative,
action-orientated, and co-designed
– is fundamental to change**

”

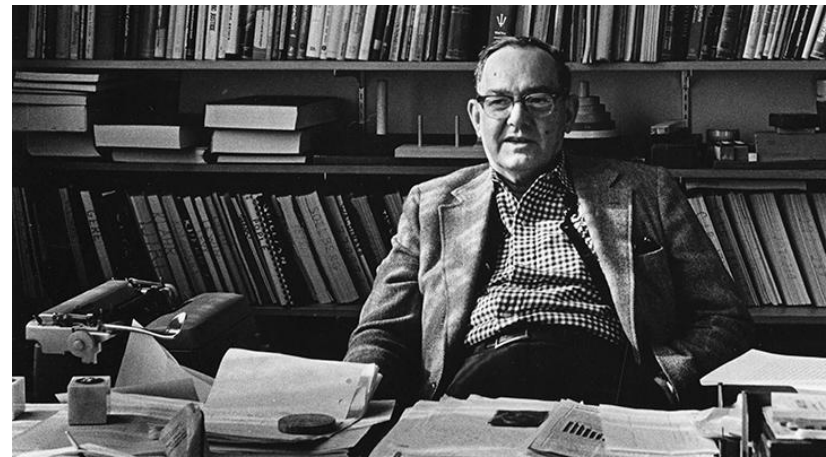
OECD Report: *Teachers as Designers of Learning Environments:
The Importance of Innovative Pedagogies* (Paniagua & Istance, 2018, p.24)

“

Everyone designs who devise courses of action aimed at changing existing situations into preferred ones.

”

Herbert Simon 1969
The Sciences of the Artificial (p.130)



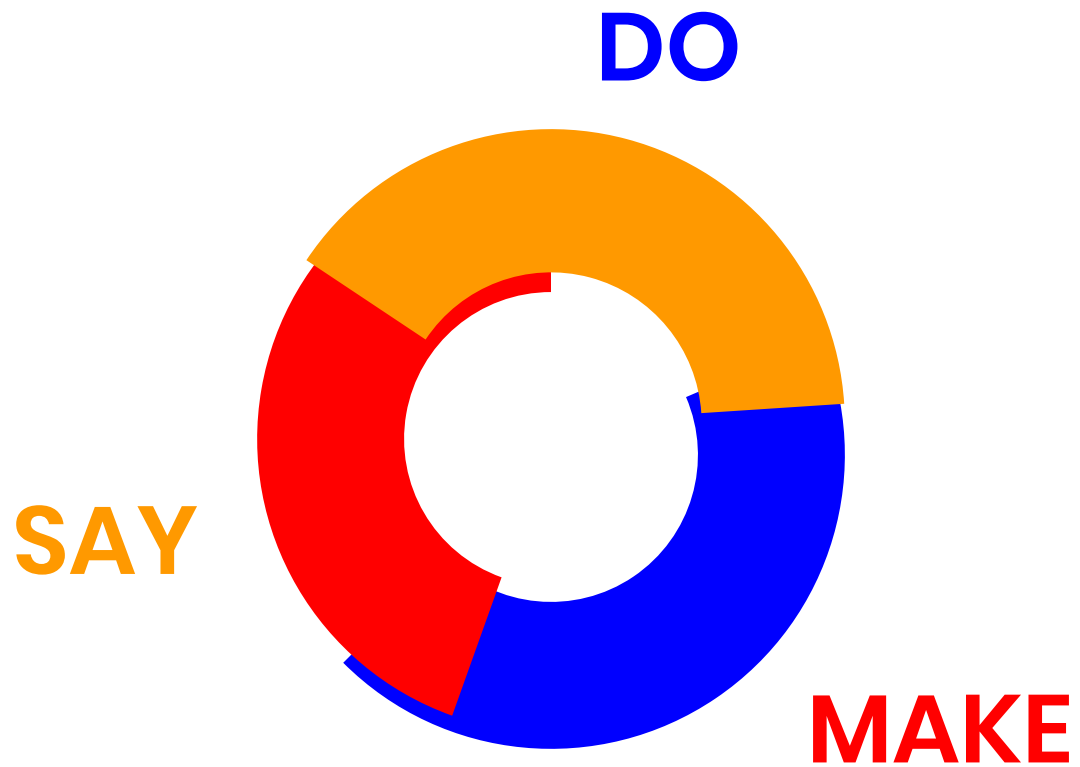
“

Everyone designs who devise courses of action aimed at changing existing situations into preferred ones. The intellectual activity that produces material artifacts is no different fundamentally from the one that prescribes remedies for a sick patient or the one that devises a new sales plan for a company or a social welfare policy for a state.

”

Herbert Simon 1969

The Sciences of the Artificial (p.130)

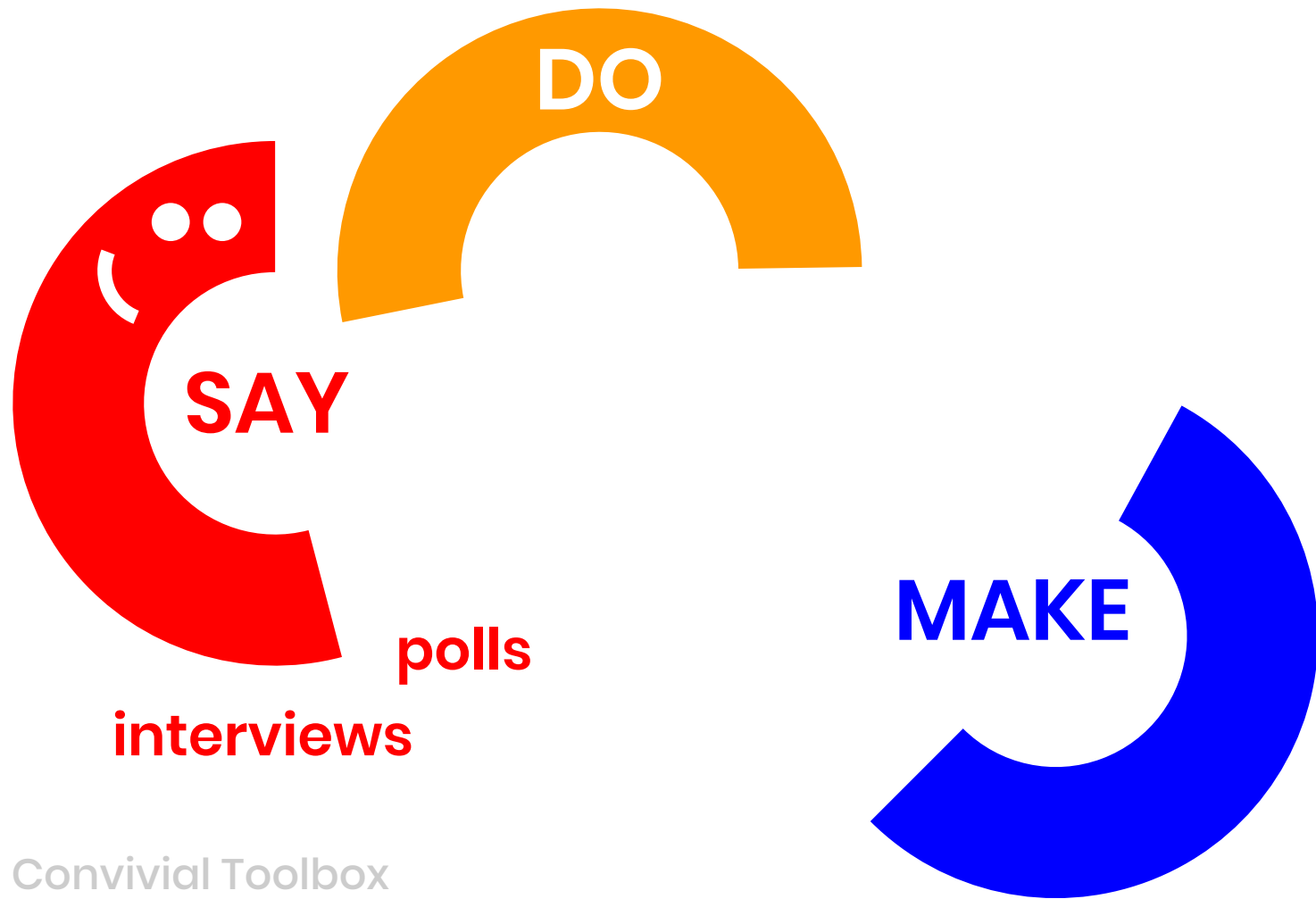


Convivial Toolbox

Liz Sanders & Pieter Jan Stappers.



Sanders, Elizabeth, & Jan Stappers, Pieter. 2012.
Convivial Toolbox: Generative Research for the Front End of Design.



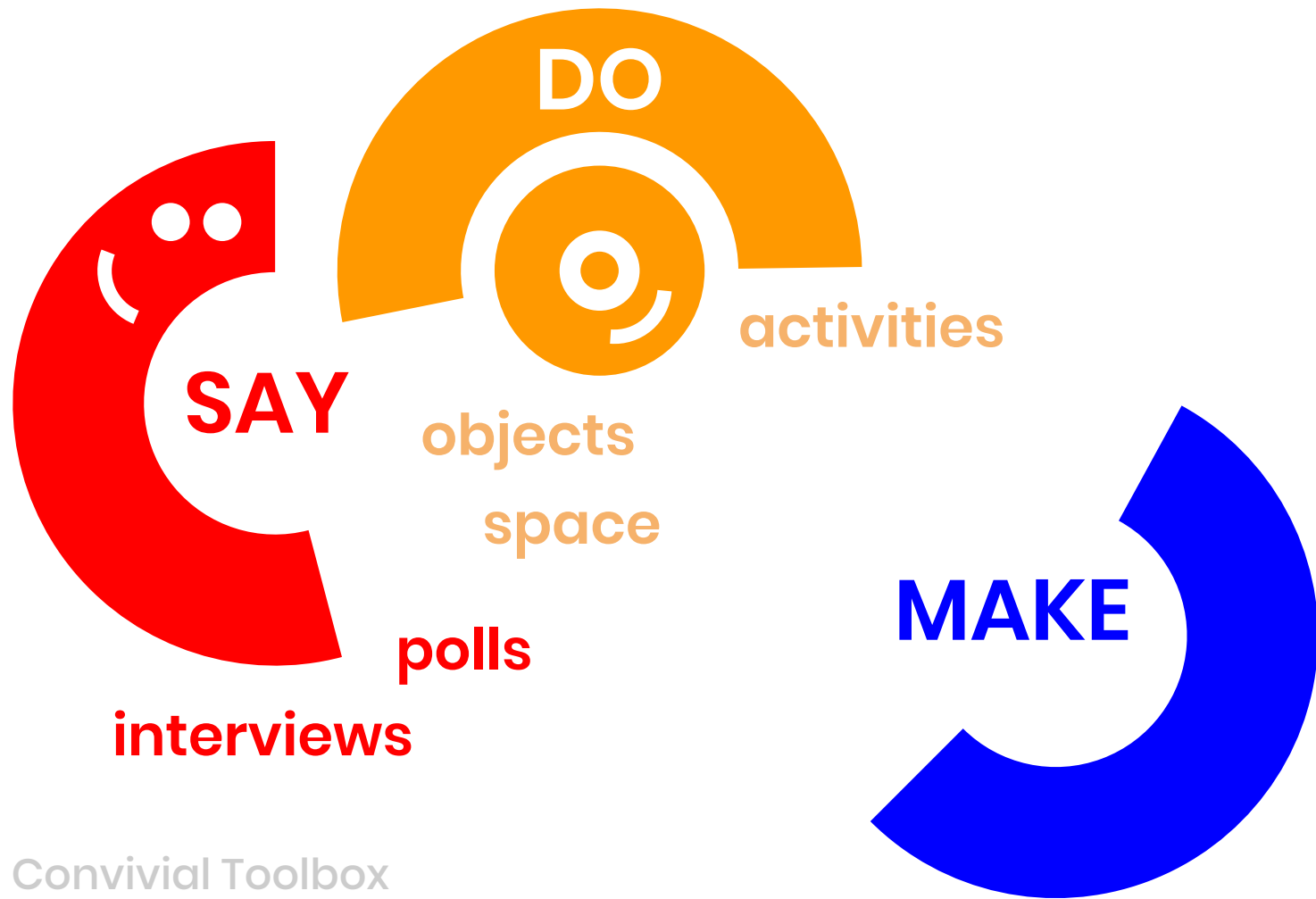
Convivial Toolbox

Sanders, Elizabeth, & Jan Stappers, Pieter. 2012.
Convivial Toolbox: Generative Research for the Front End of Design.



Which statements is Mrs. Ellis likely to most identify with?

I know what I need and I'm able to do work well.	Teachers at my school encourage different ways of learning.
I believe student learning is the best of my school.	I look for ways to use my own and my students' learning.
From feedback to my students, I try to make my lessons more effective.	Teachers at my school encourage different ways of learning.
Students at my school can do things that challenge my skills.	Assessment is about success or lack of success in my learning.
My students are motivated to learn.	Assessment is about success or lack of success in my learning.
My students are motivated to learn.	Assessment is about success or lack of success in my learning.



Convivial Toolbox

Sanders, Elizabeth, & Jan Stappers, Pieter. 2012.
Convivial Toolbox: Generative Research for the Front End of Design.



DO

These reflect our diverse strengths and diverse personalities

collaboration

Positiv

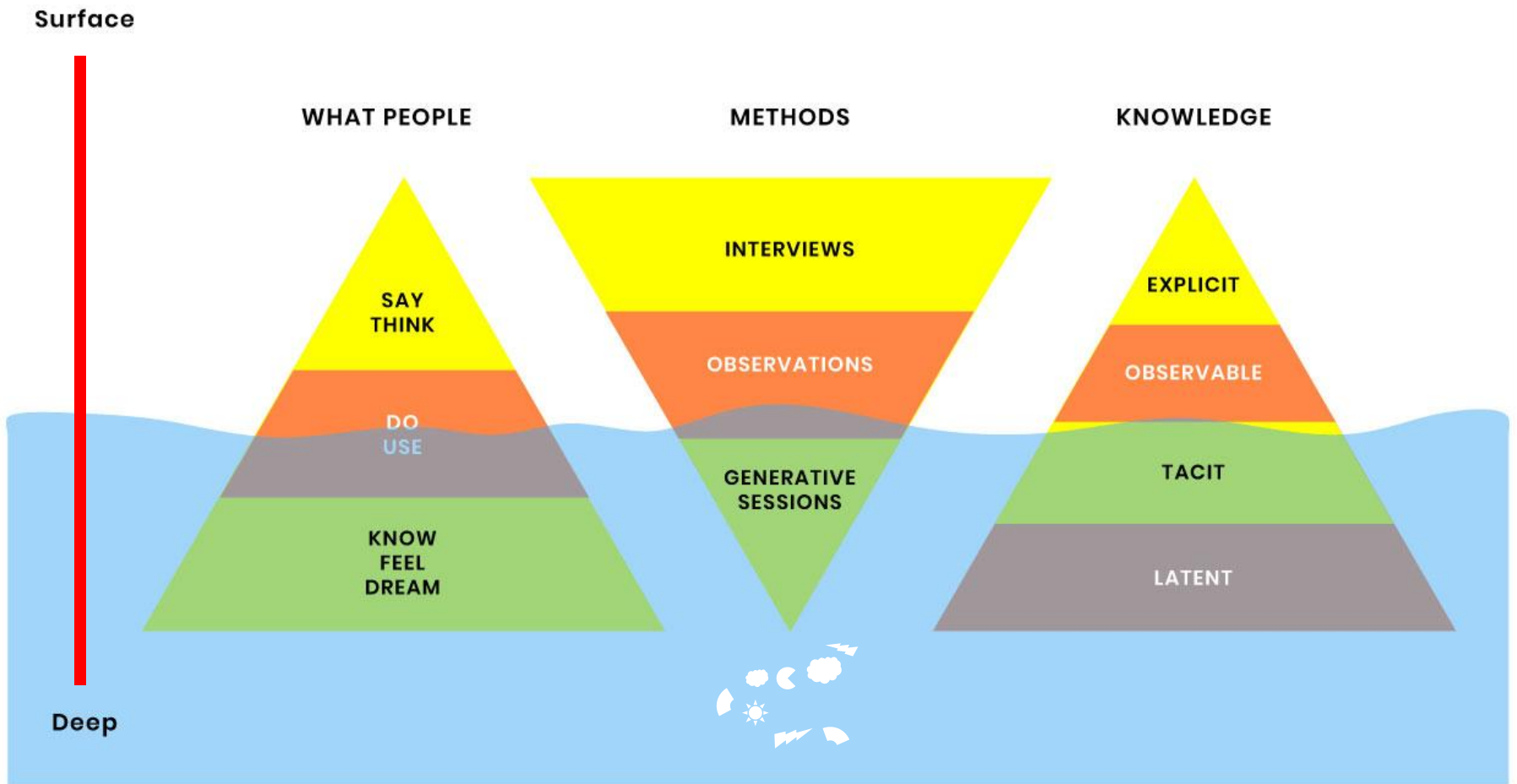


Making Meaning
The L



Convivial Toolbox

Sanders, Elizabeth, & Jan Stappers, Pieter. 2012.
Convivial Toolbox: Generative Research for the Front-End of Design.



Sanders, Elizabeth, & Jan Stappers, Pieter. 2012.
Convivial Toolbox: Generative Research for the Front End of Design.





designing

designing



designing

Design is all encompassing, having an effect on nearly every aspect of life.

(Pahl and Beitz 2007).



