



**Asia-Pacific
Economic Cooperation**



Blended Learning Classroom (BLC) Model: Integrating Lesson Study and Open Approach Innovations for the New Normal

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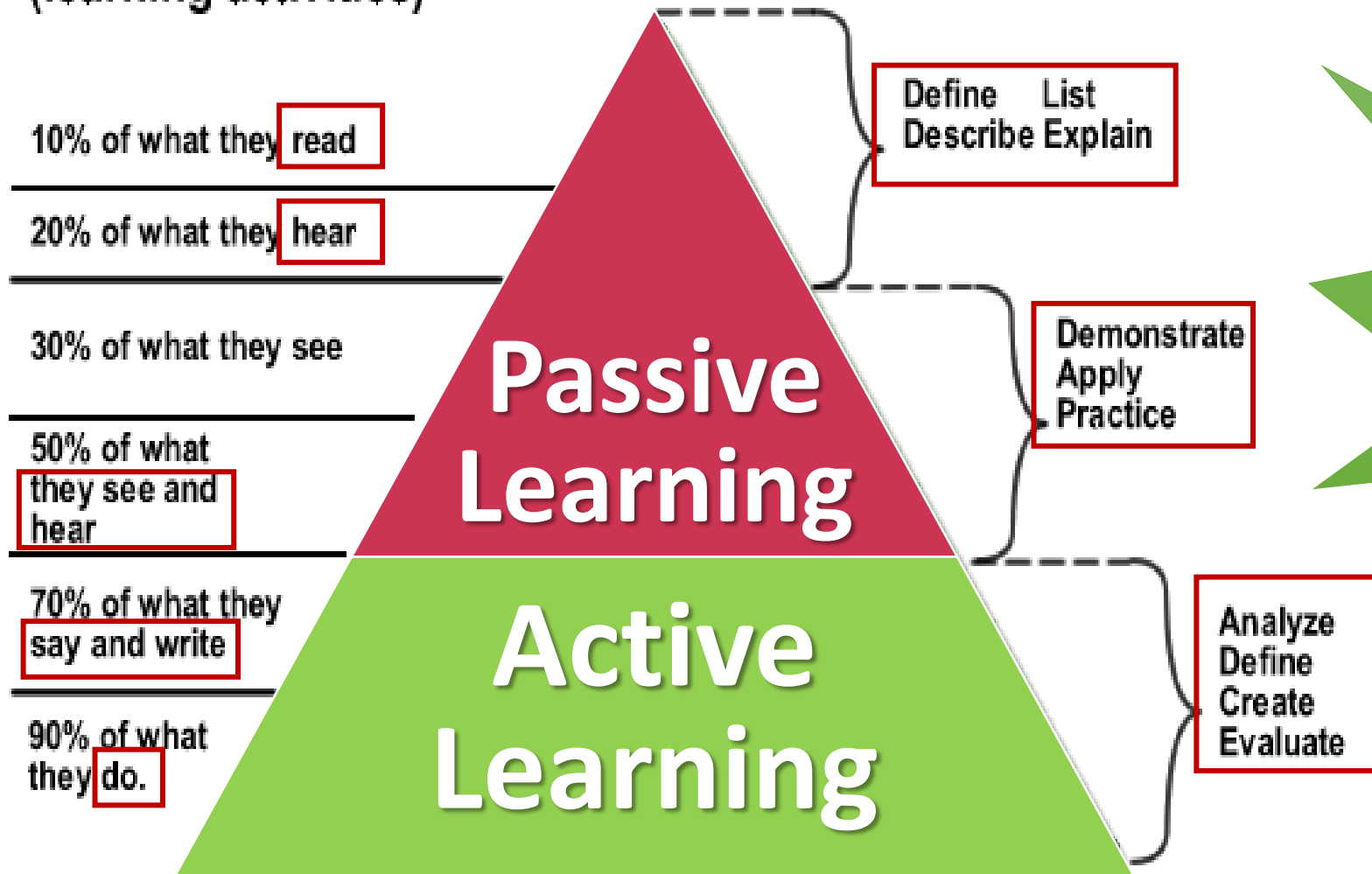
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WHAT IS THE
TURNING POINTS
OF THE 21st CENTURY?

Cone of Learning (Dale, 1969)

People generally remember...
(learning activities)

People are able to...
(learning outcomes)



What is active learning?

Bonwell and Eison (1991)
define active learning as

“ instructional
activities involving
students in
doing things
and thinking about
what they are doing.”



Metacognition roughly means
“awareness of their own thinking”
or, “Thinking of Thinking”

(Flavell, 1975)

Revisit is active learning in the 21st Century?

MEXT, Japan

Fukai Manabu: Deep Learning

Shutai Teki: Thinking by/ for themselves

Taiwa Teki: Through Discussion

Active Learning is learning to
create awareness about their own
thinking through discussion and
sharing the ideas with others

(Inprasitha, 2003)

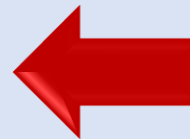
A Weekly Cycle of Learning

*Weekly Cycle of
Lesson Study*

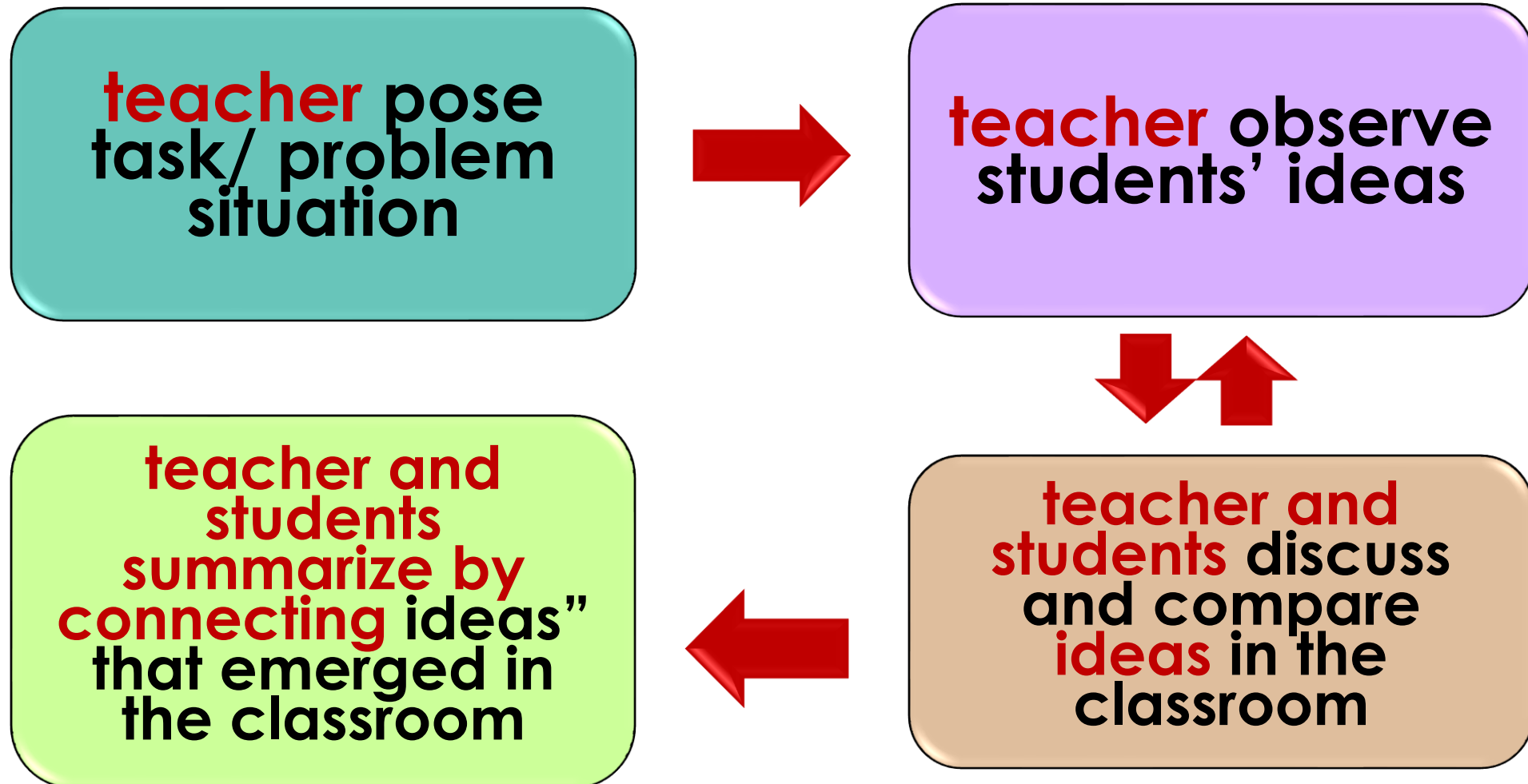
Teachers
collaboratively design
problem situations,
once a week
(Collaboratively Plan)

The school principal
reflects with LS team and
other teachers, once a
week (Whole school
approach)
(Collaboratively See)

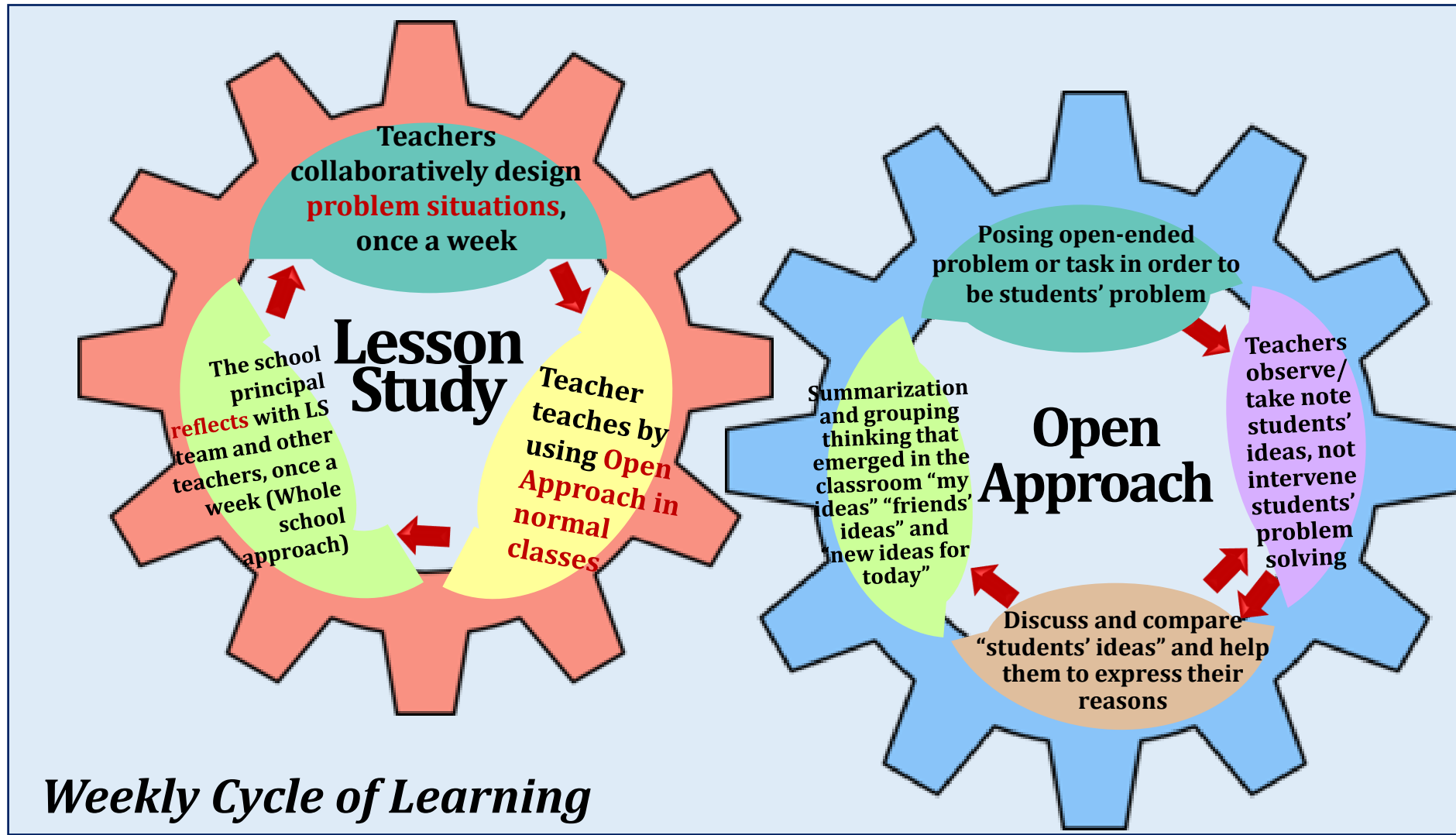
Teacher teaches by using
**Open Approach in normal
classes**
(Collaboratively Do)



Transforming Classroom Practices with Open Approach

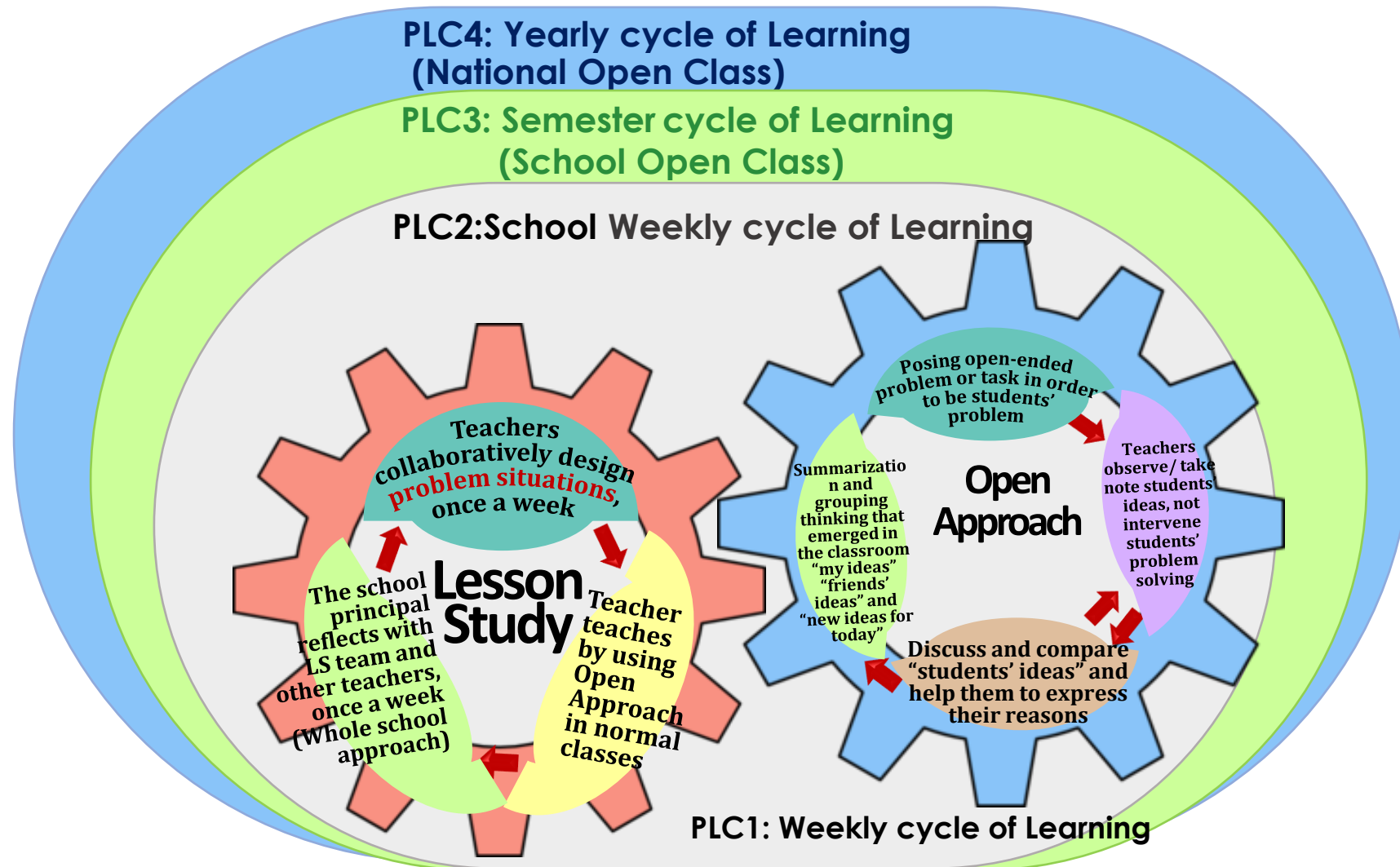


TLSOA as a Weekly Cycle of Learning model



Driving **whole school approach** with weekly cycle of Learning through Thailand Lesson Study and Open Approach (TLSOA) (Inprasitha, 2003; 2006; 2011; 2016; 2017)

TLSOA as Professional Learning Community



COVID

The image features the word "COVID" in a large, bold, sans-serif font. The letters are filled with a dark blue color. The background is a light gray gradient with several semi-transparent, white, 3D-rendered virus particles scattered throughout. The virus particles have a spherical shape with numerous small, protruding spikes on their surface, characteristic of coronaviruses. The overall aesthetic is clean and modern, with a focus on the scientific and medical aspects of the subject.

The COVID-19 pandemic has exposed possibilities for change in a world in crisis from both **environmental** and **social violence** (Wagner, 2021).

The COVID-19 pandemic has led to school closures in most countries around the world and has **interrupted the school attendance** of at least 1.5 billion students in 2020 and 2021(OECD, 2022).

During COVID-19 pandemic, 70 percent of 10-year-olds in '**learning poverty**', unable to read and understand a simple text (*unicef, 2022*).

Covid-19





**What is the real
condition of
education in
COVID-19
pandemic ?**

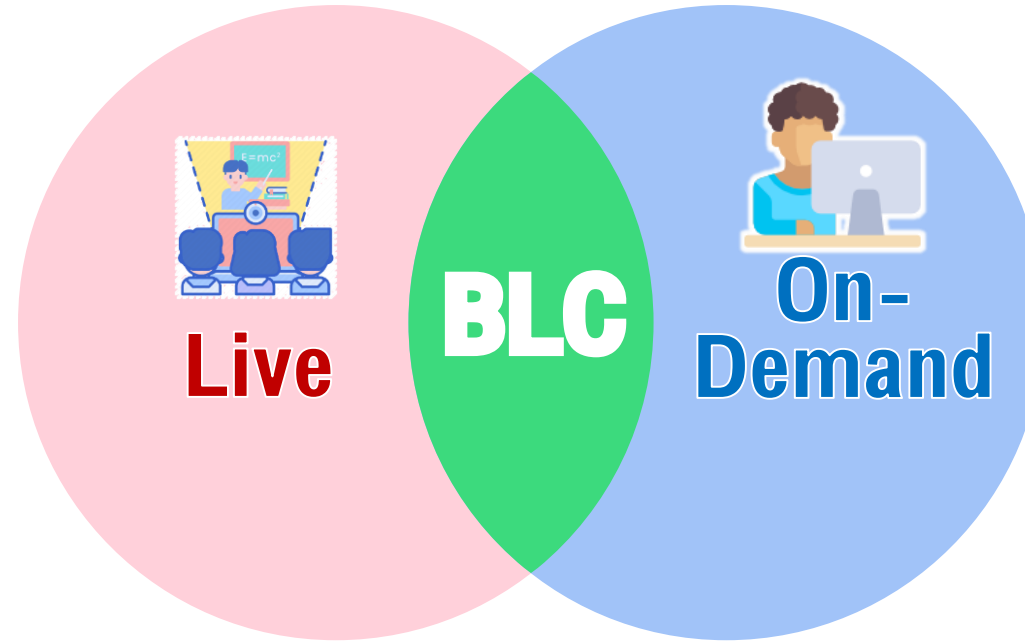
**What are the condition for
classroom practice?**

On-site vs Online

or

***Self Learning and
Interaction Learning
Time Management***

**Learning
through
Interaction**



Self Learning

Blended Learning

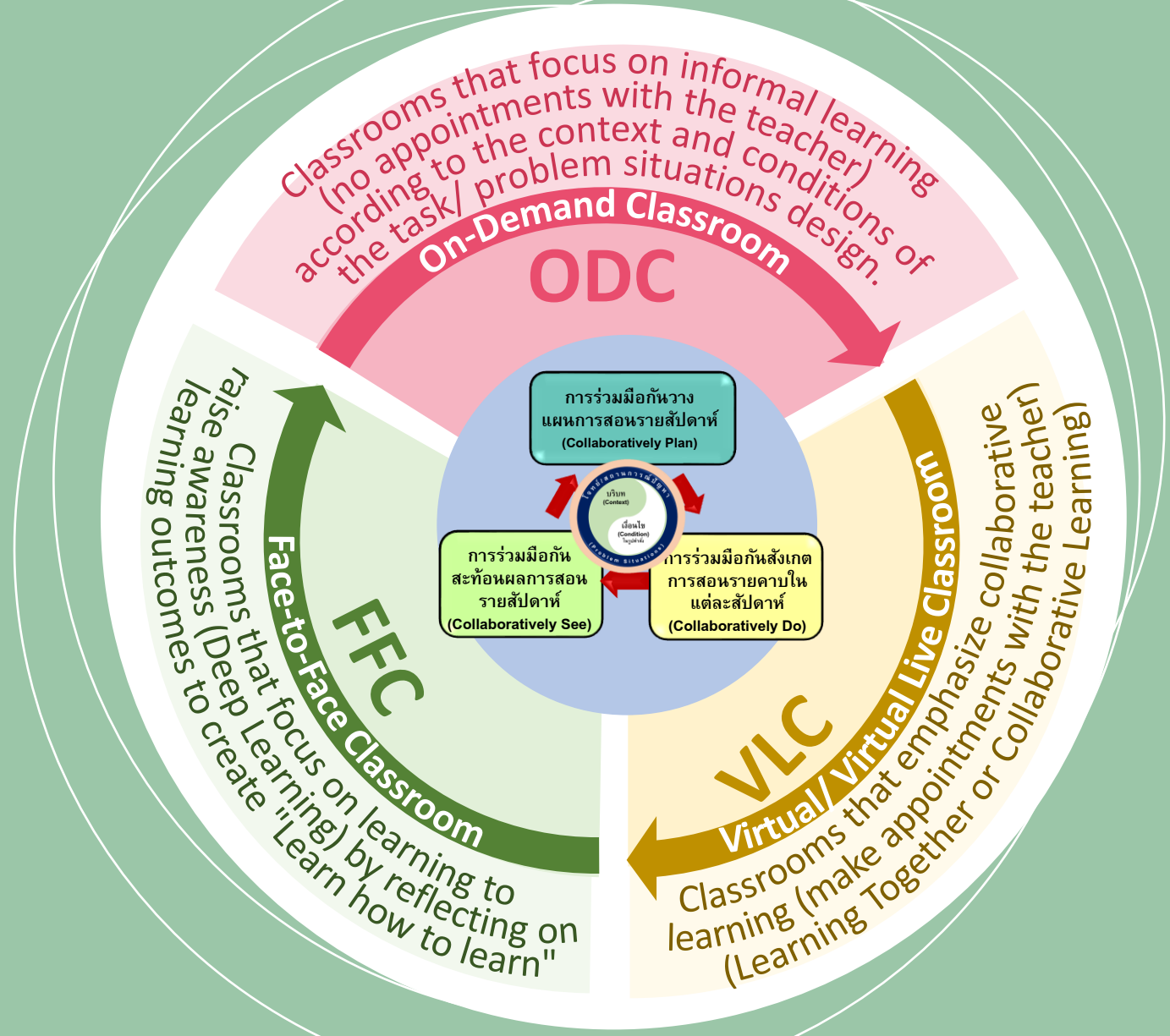
is learning that focuses on the **blended**
self-learning and interaction of
Live and **On-Demand**

Blended Learning in Extended Classroom

“ **New Extended Classroom**
that are designed to blend
students' self-learning and
interaction for Active Learning ”

Blended-Learning Classroom MODEL

(Inprasitha, 2020; 2021)

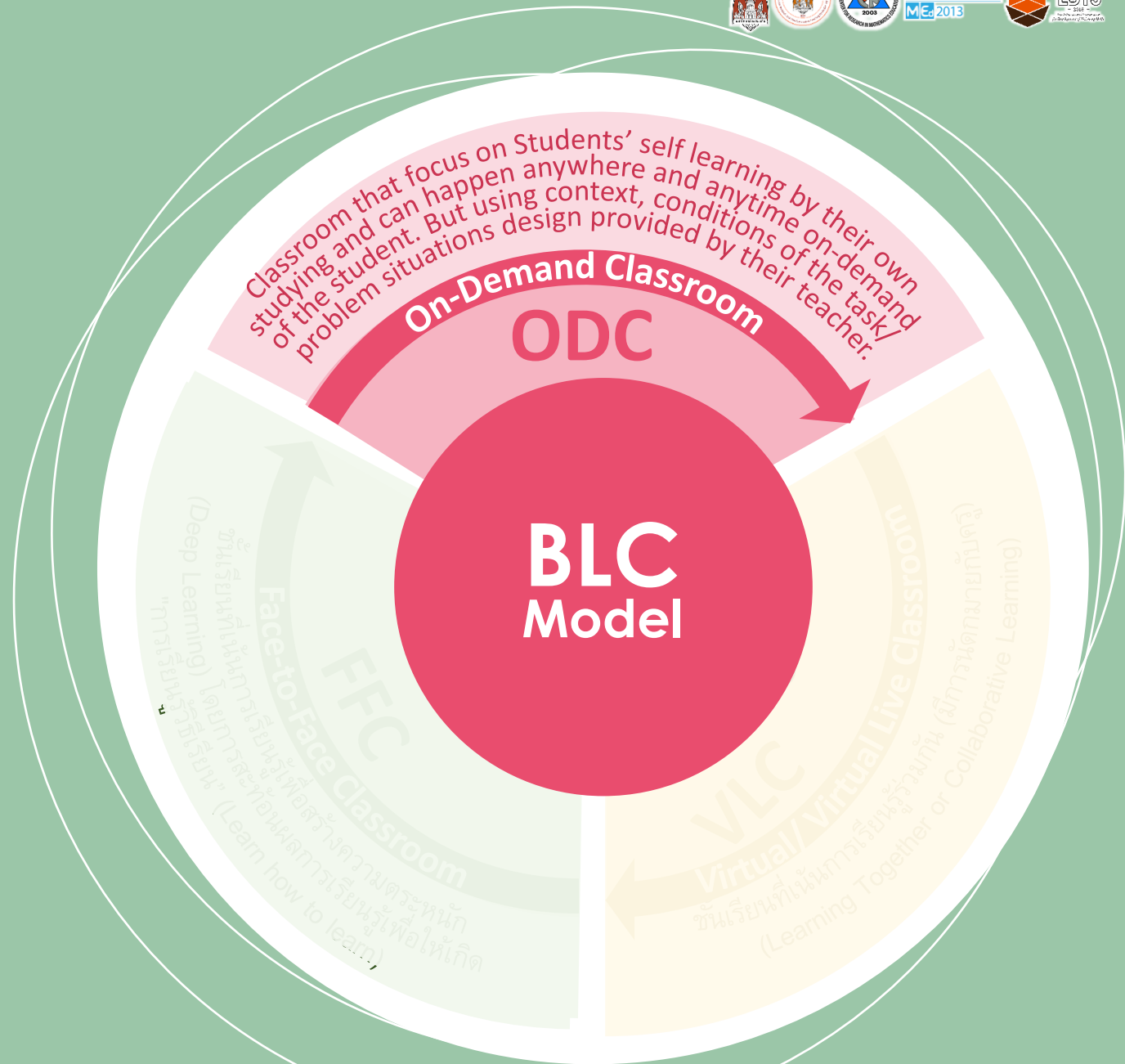


BLENDED-LEARNING CLASSROOM

ODC On-demand classroom

Classroom that focus on Students' self learning by their own studying. On-demand classroom can happen anywhere and anytime on-demand of the student (no appointments with the teacher). But using context, conditions of the task/ problem situations design provided by their teacher.

(Inprasitha, 2020; 2021)

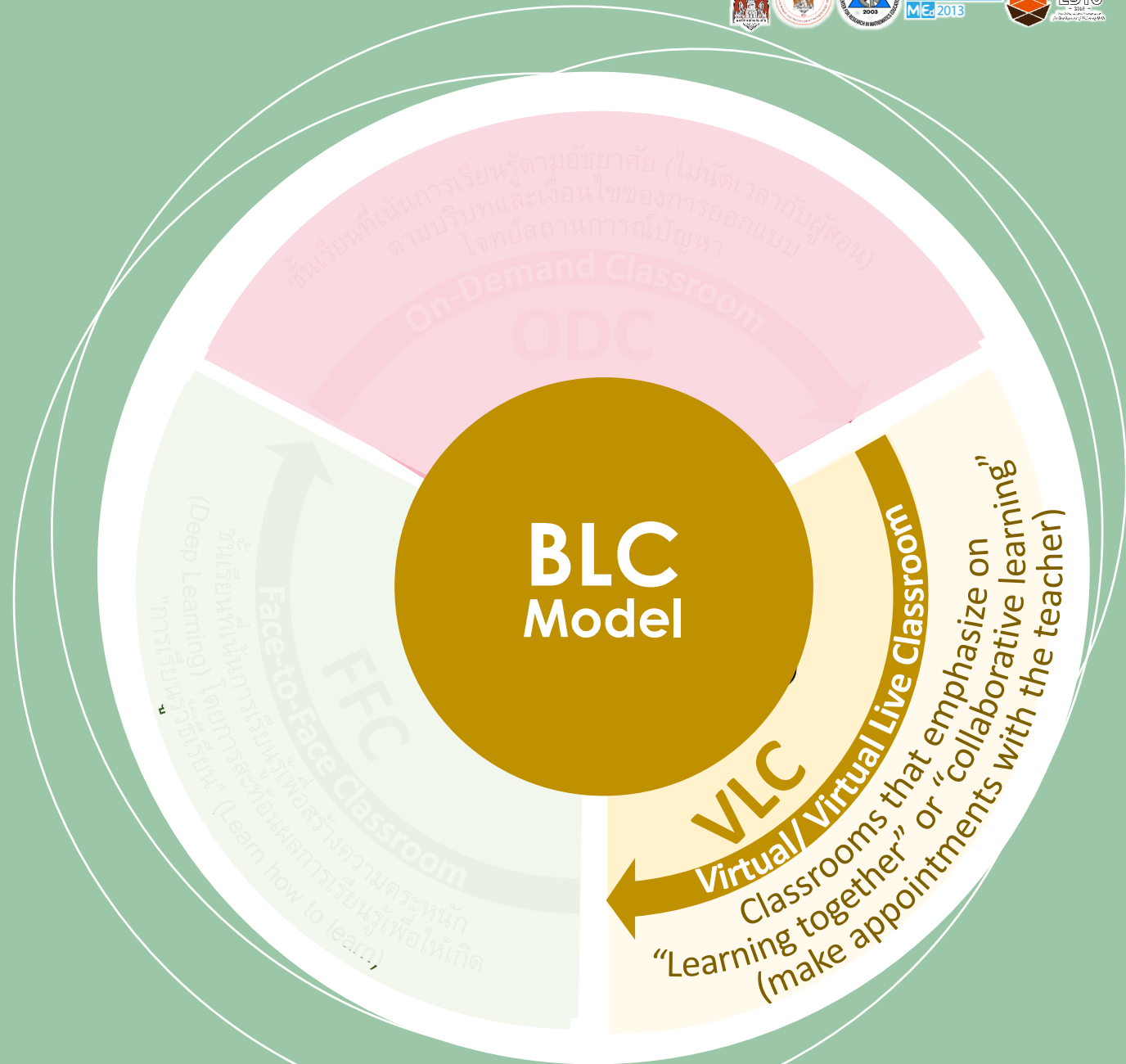


BLENDED-LEARNING CLASSROOM

VLC Visual/ Virtual live classroom

Classrooms that emphasize on **“Learning together”** or **“collaborative learning”** (make appointments with the teacher)

(Inprasitha, 2020; 2021)



BLENDED-LEARNING CLASSROOM

FFC Face-to-face classroom

Classrooms that focus on learning to raise awareness (Deep Learning) by reflecting on learning outcomes to create "Learn how to learn"

(Inprasitha, 2020; 2021)

