



Mahidol University
Faculty of Medicine
Siriraj Hospital



Micro-assessment

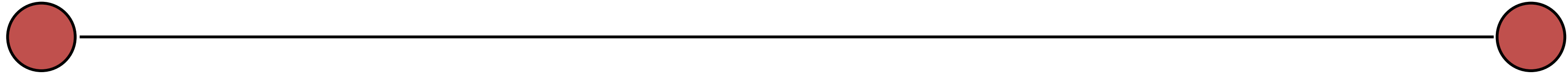
Assoc. Prof. Tripop Lertbunnaphong
Deputy dean for undergraduate education



FRIDAY
11 OCT
13:00 - 16:00 u.

Micro-assessment: why?

Pass



I am so proud of you



He is above my average

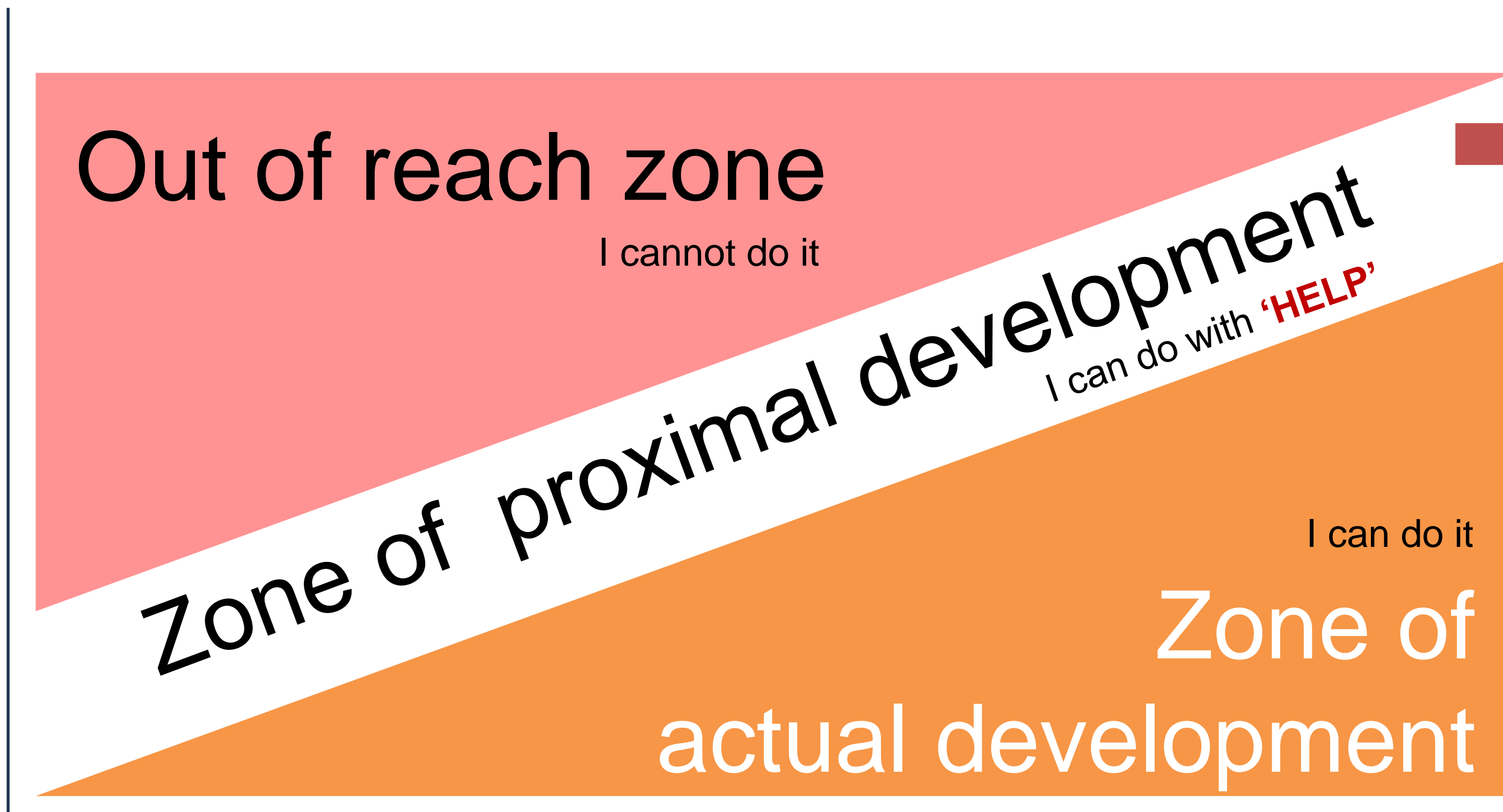
Is it valuable for me?



What is my GAP?

How to improve myself?

Challenge



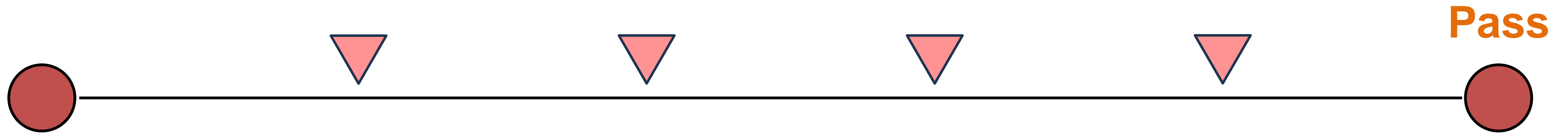
Micro-assessment

Need 'HELP'
for success

Scaffolding
theory

Competence

micro assessment: why?



Concept

1. Frequent and regular
2. Focus and formative
3. Reflection and feedback
4. Simple and small scale

Goal

Improve competency to reach standard by closing the gap and improve themselves under constructive feedback

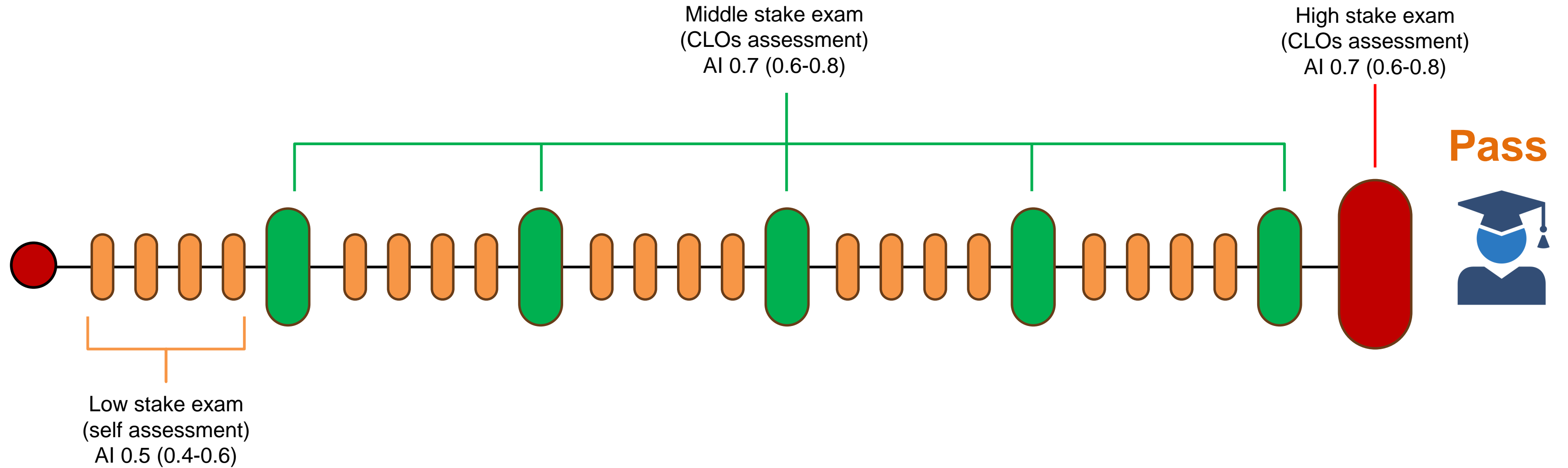
Strategies

- Multimodal approach
- Direct observation
 - Simulation
 - OSCE
 - Peer assessment
 - Self assessment
 - MiniCEX
 - etc.

Tools

- Multimodal approach
- LMS platform
 - Portfolio
 - Mobile app
 - VR/AR
 - AI and data analytic
 - etc.

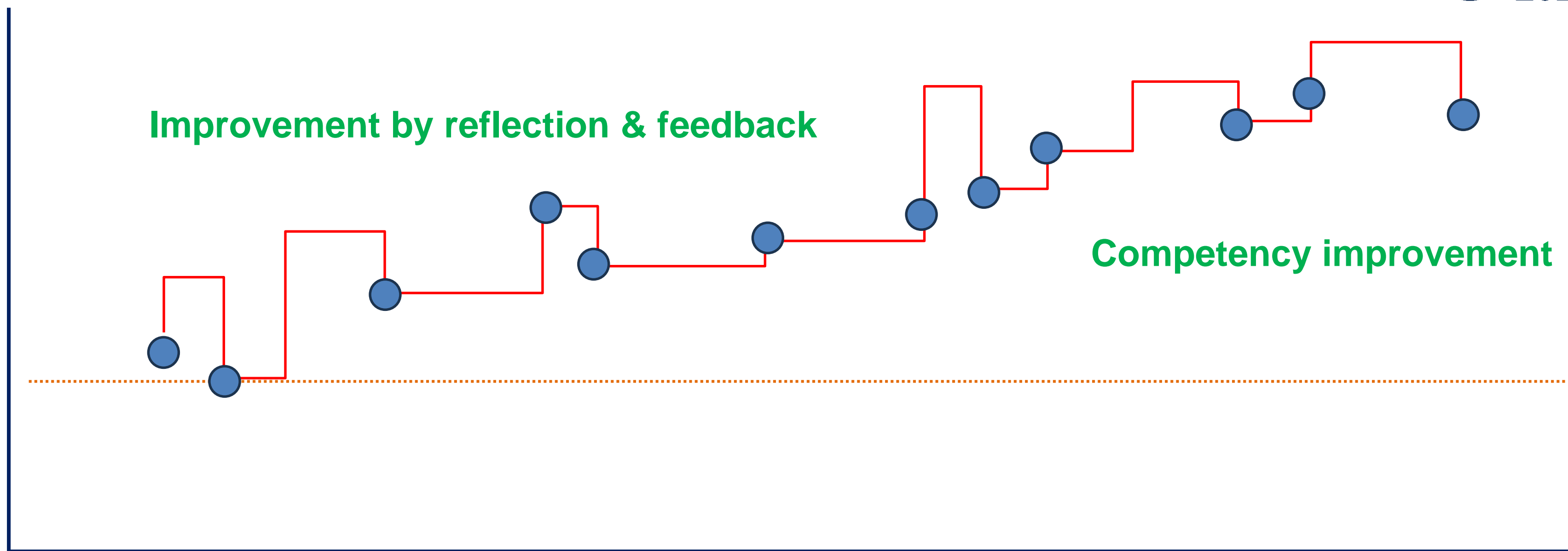
micro assessment: How?



Know my gap → **Learn for improvement** → **Being a better one** → **Qualified graduate**

Key: reflection and feedback

Assessment for learning >> measurement of knowledges, skills and attitudes



Performance assessment of 'student A'

5 levels of Self assessment

**Over confidence
(DANGER)**

Reflective competence

I know when to question my intuitions and eliminates errors

Unconscious competence

My decision is quick & intuitive, but venerable to bias

Conscious competence

Practice is required concentration & deliberation

Conscious incompetence

I am aware of what I need to learn

Unconscious incompetence

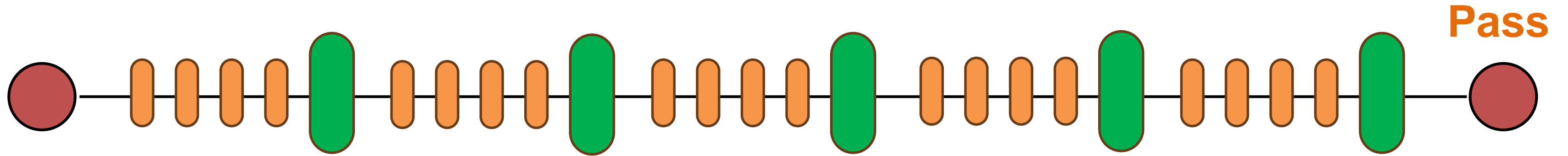
I don't know what I don't know

From ignorance to mastery

Using some simple questions for ***self reflection***

1. What was **the most important concept(s) you have learned** from this class?
2. What was the important concept(s) that **you have questions about or find confusion?**
3. What is realistic to focus on and to **apply in your 'real world' life** following this class?

Micro-assessment drive learning



I am so proud of you



He is above my average

My learning is meaningful

I am a better one





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Self regulated learning

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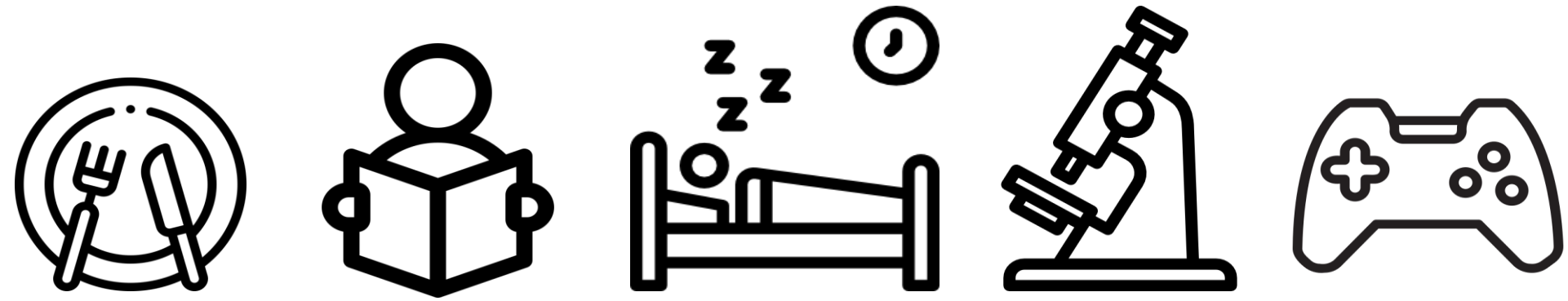
WHAT'S NEW IN



FRIDAY

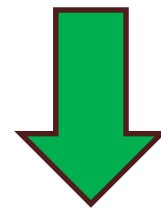
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Coursework

Self directed learning

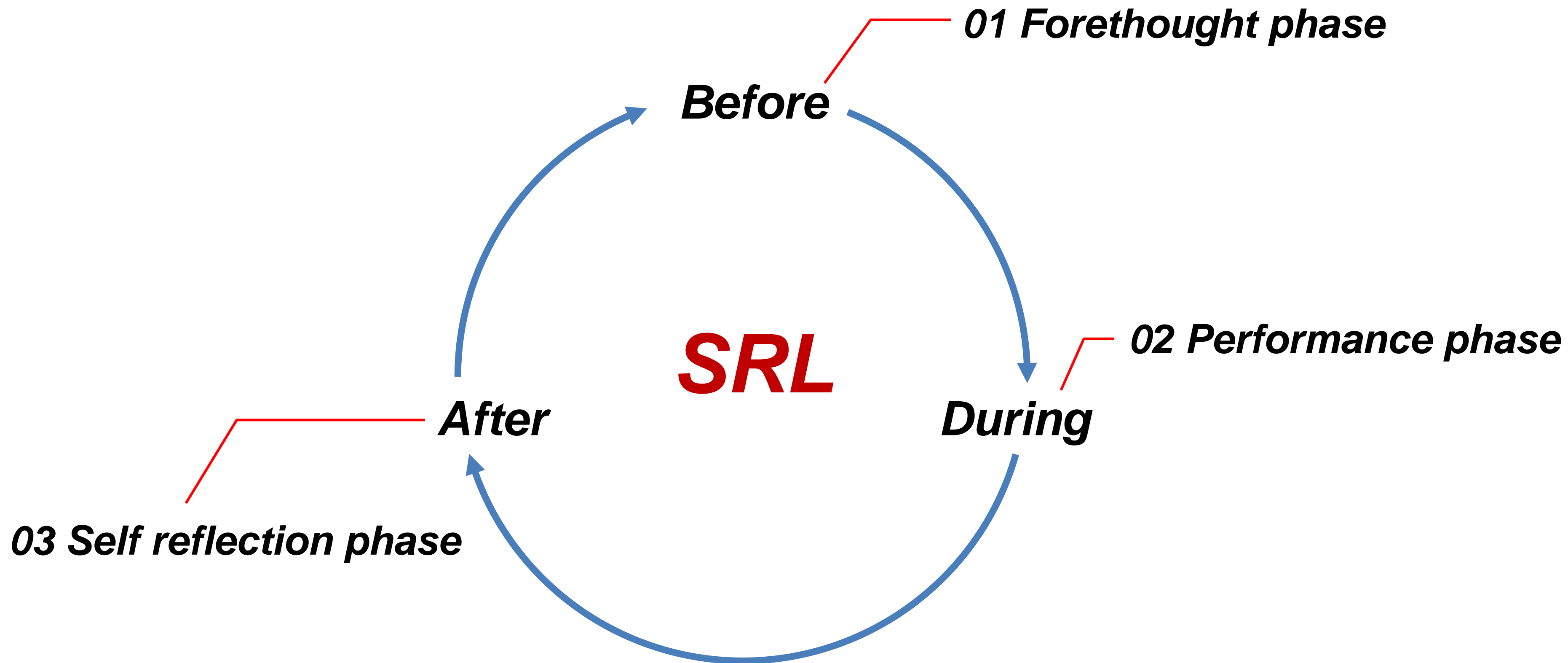


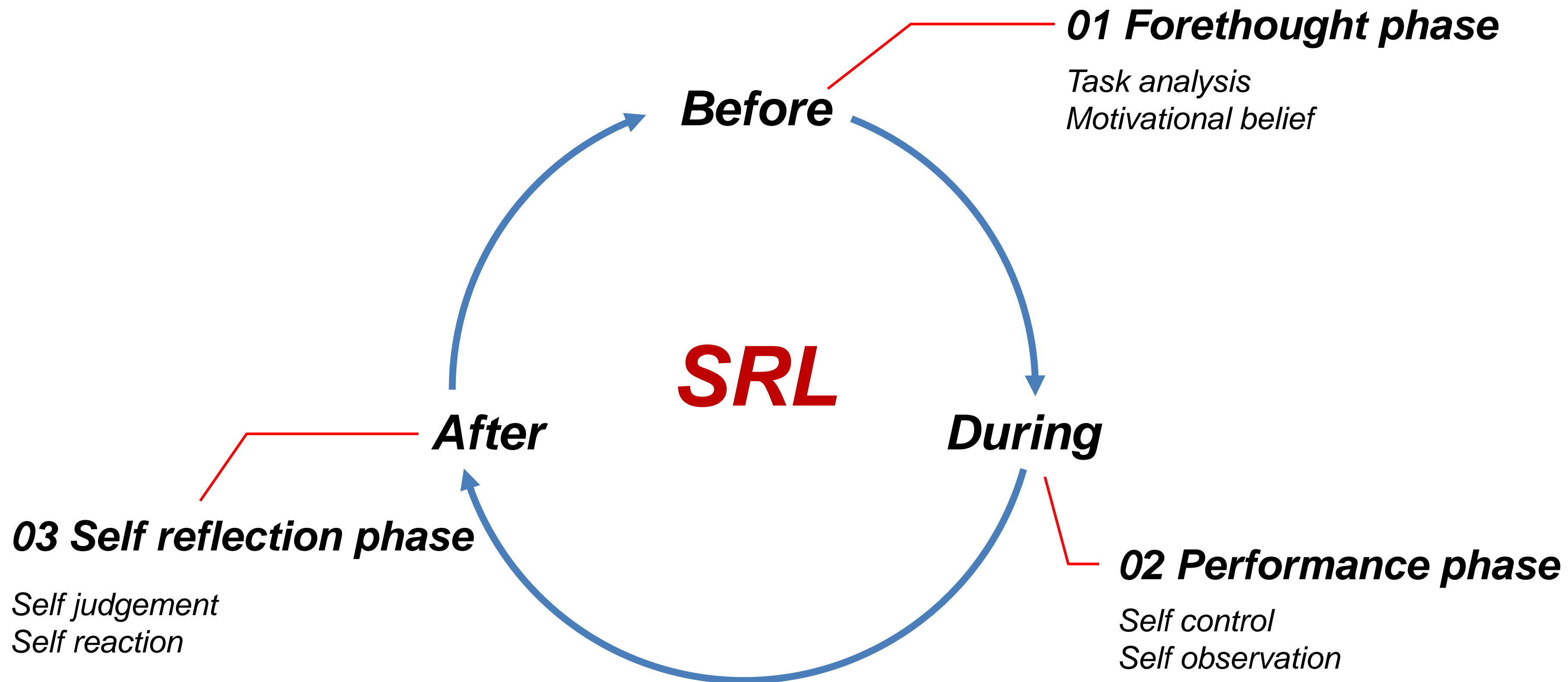
SRL

*Educational
process*



Outcomes





Self reflection phase

Self judgement

- Self evaluation
- Causal attributions

Self reaction

- Self satisfaction
- Adaptive inference

Before

Forethought phase

Task analysis

- Goal setting
- Strategic planning

Motivational belief

- Goal orientation
- Intrinsic interest
- Outcome expectation
- Self efficacy

SRL

After

During

Performance phase

Self control

- Self instruction
- Imagery
- Attention focus
- Task strategy

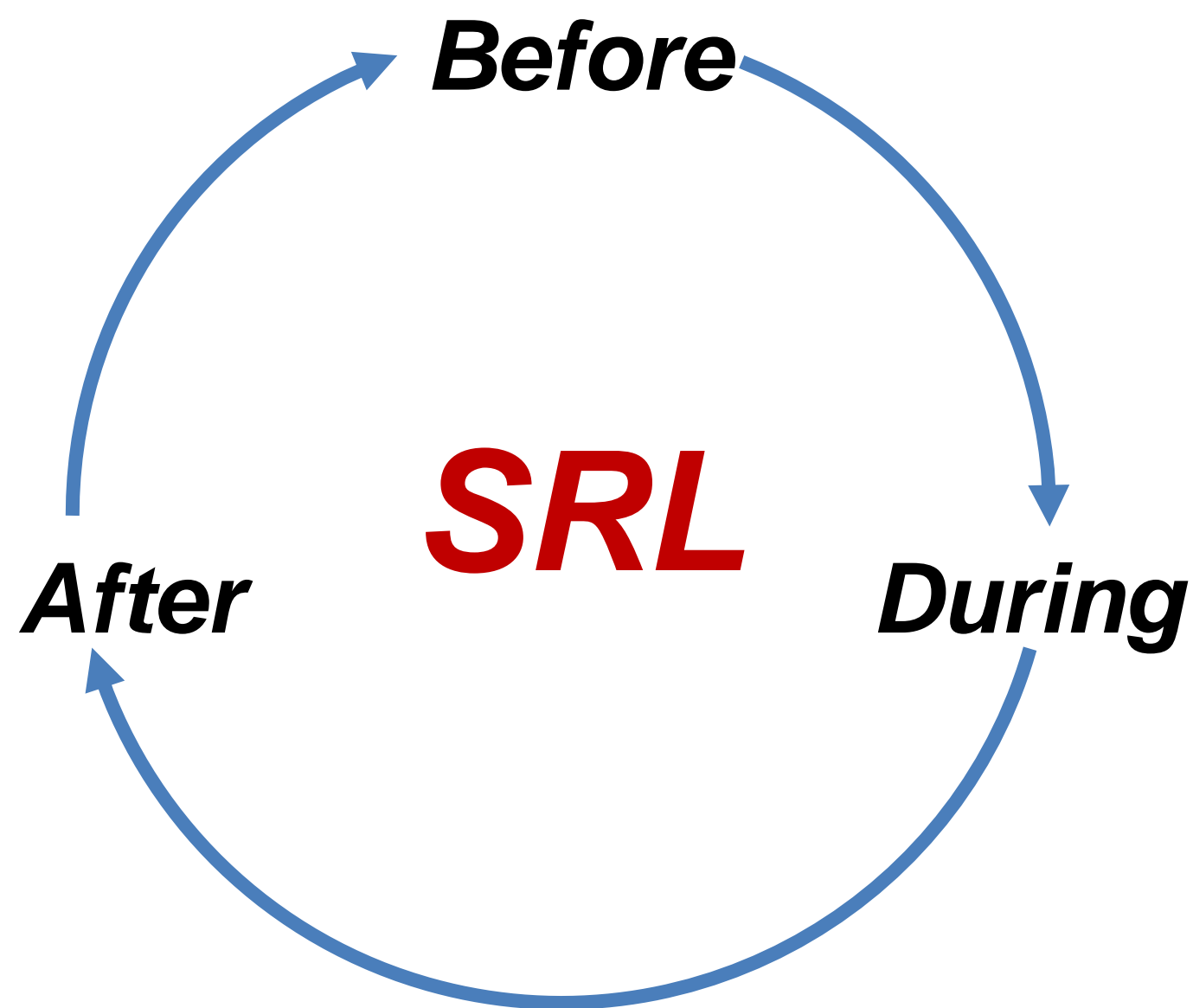
Self observation

- Self recording
- Metacognitive monitoring



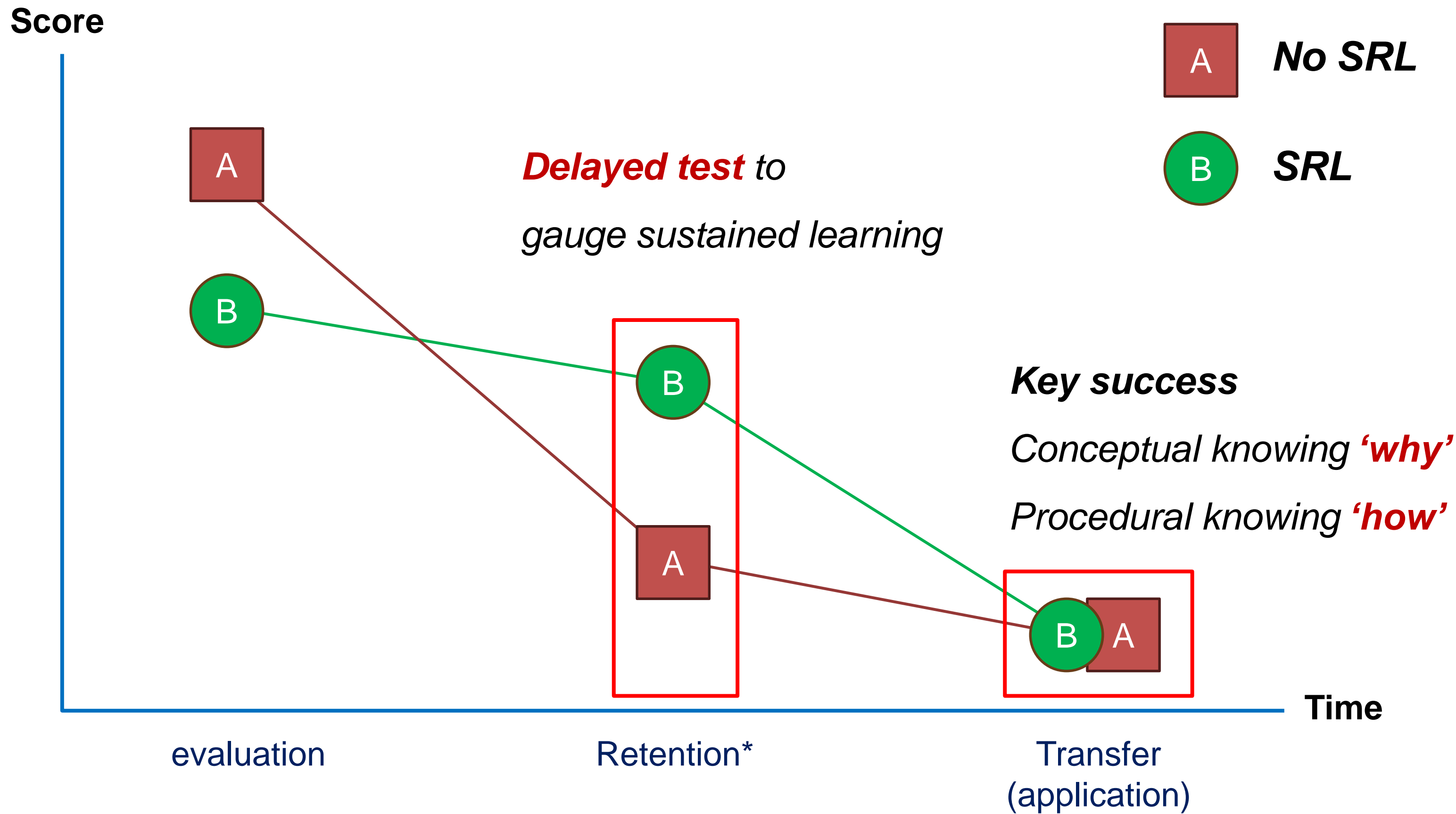
needs more supports

**SRL = a shared responsibility between the trainee and the instructional designer, whether or not an instructor is actually present in the room at the time of learning*



Examples of SRL support

- › Directed or self selected goal setting
- › Activate learner engagement via interest & goal setting
- › Access to videos of own performance
- › Access to videos of expert performance
- › Time for exploration and meaningful struggle
- › Check-ins on self efficacy, with links to adapting learning strategy
- › Motivate learners to adapt strategies and/or goals





“If you continue training the same way you’ve always trained, don’t expect to get better results.”

- Jim Crapko



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Thank You.
For Your Attention



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