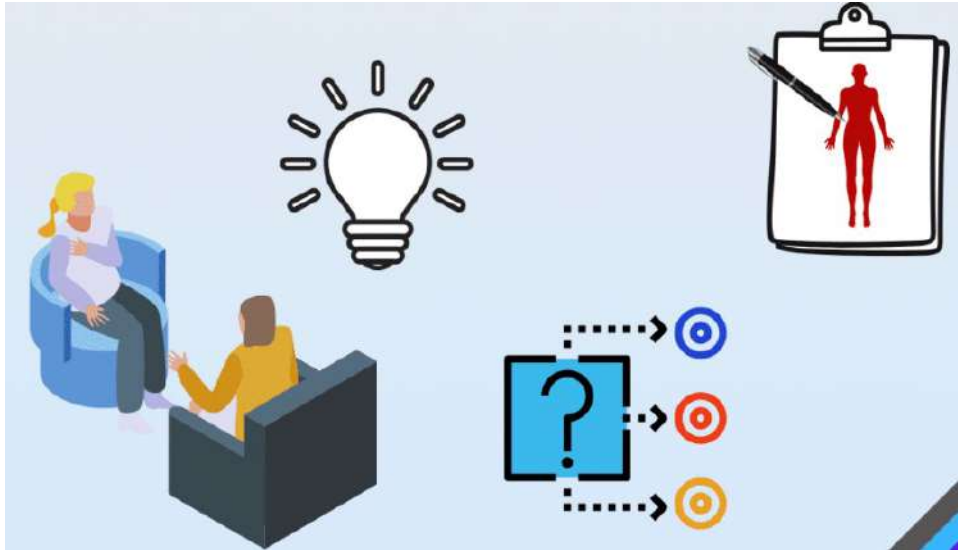




Subjective Assessment

MUADP-4_Level 1 (2024)



Assoc.Prof.Dr. Chailerd Pichitpornchai

MD, PhD

Director, Institute for Innovative Learning

<https://il.mahidol.ac.th>



Objective

Be able to explain, apply, and design SA

1. Why Subjective Assessment?
2. What/How to ask for Cognitive Domain?
3. What/How to ask for Psychomotor & Affective Domains ?
4. How to mark Subjective Assessment?
5. What to ask & How to mark?



[P1] _____

- Give 1 subjective assessment question that you used to use (Given time & marks)



1. Why Subjective Assessment?

Want to assess or evaluate...

1. **C**ognition: High order thinking skill
 - Complex or abstract concepts
 - Detailed and specific feedback
2. **P**sychemotor – cognitive part
3. **A**ttitude & Value – cognitive part



1. Why Subjective Assessment? (2)

Want to assess or evaluate...

4. Personalized need & learning styles

5. **Enhance communication skill**

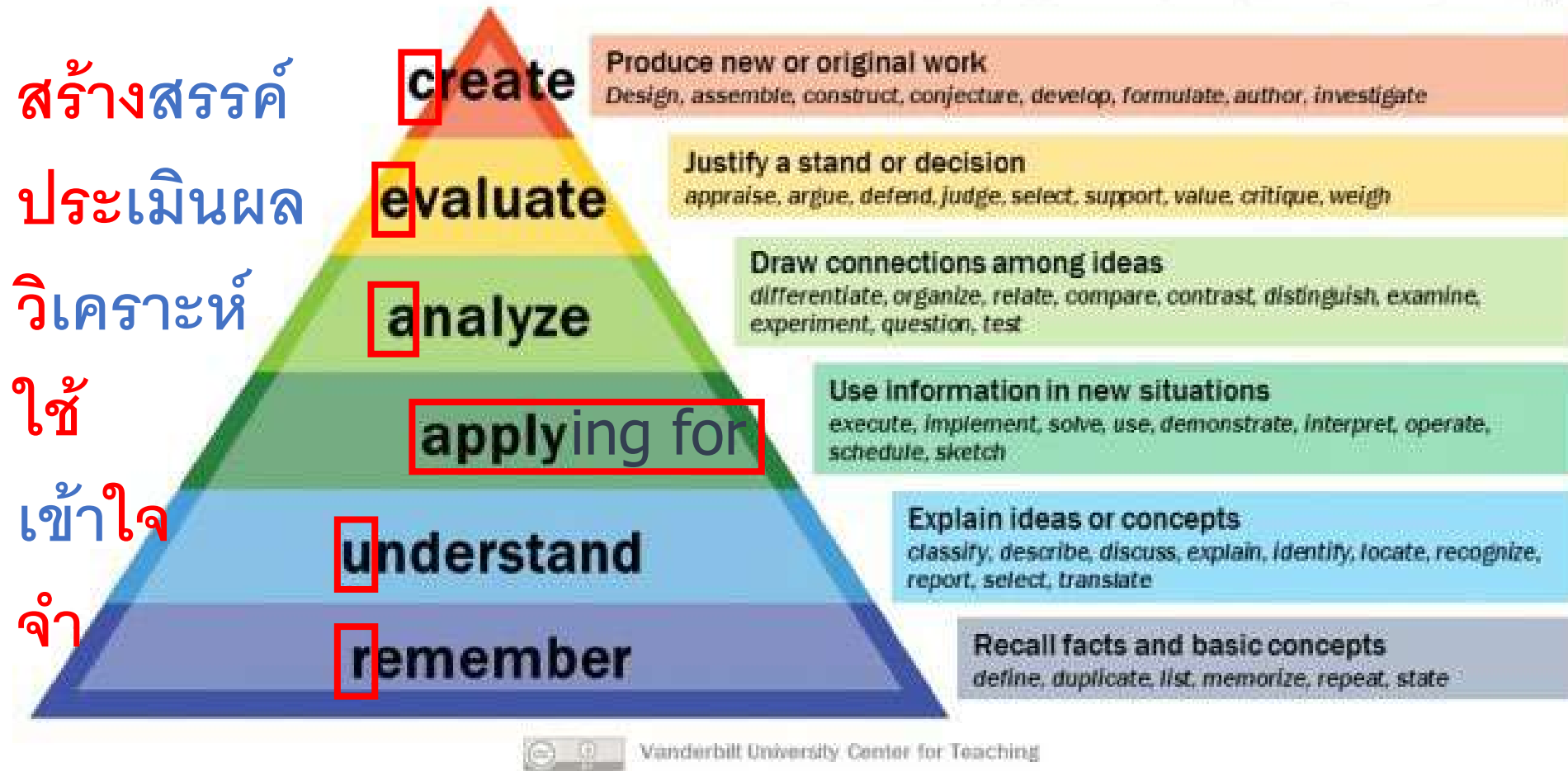
Writing skill / Oral Q&A or Interview

6. Group work



Cognitive Domain

Bloom's Taxonomy





2. What/How to ask for Cognitive Domain?

1. **Remember** (Fill in the blank, short answers)

→ Recall essential minimal knowledge

2. **Understand** (Short essays)

→ Explain with understanding

→ Describe standard process

(include cognitive part of psychomotor)

→ Explain different points of view from understanding



2. What/How to ask for Cognitive Domain? (2)

3. Apply

- Solve typical problems
- Solve variation problems

4. Analyze

- Analyze, Differentiate, Classify
- Compare (advantage/disadvantage, pros/cons,...)



2. What/How to ask for Cognitive Domain? (3)

5. Evaluate

- Compare with criteria
- Criticize
- According to ... (theory, belief, ...)

6. Create

- Design, Synthesize
- What/If
- In your opinion, which/when to use... & why



3. What/How to ask for P & A domains?

Psychomotor domain

- Explain standard process (e.g. appendectomy)
- What are the precautions of...

Affective domain

- According to the social norm of...
- In your opinion, what is the most appropriate action to... & why



[P2] Classify the question you posted



4. How to mark SA?

1. Rubric

- To standardize observers
- Minimize bias for a fair evaluation
- Provide a clear and transparent evaluation process
- Improve reliability



4. How to mark SA? (2)

2. Professional Judgement

The ability to use your knowledge, experience, and skills to make informed, well-reasoned decisions in your field of expertise.

- Define the criteria and standards
- Gather and review relevant information
- Consider multiple perspectives



5. What to ask & How to mark SA?

1. **What** → key word/phrase
2. **Why** → key process/mechanism
3. **How** → key concept for application
4. **Which/When** → key opinion/classification
5. **What grade/level** → key argument vs criteria
6. **What else/How else** → key idea/design



[P3] Make a rubric for marking your question



About the Speakers

Assoc.Prof.Dr. Chailerd Pichitpornchai, MD, PhD

1. Director, Institute for Innovative Learning
2. Senior Lecturer, Fac. of Med. Siriraj Hospital
Mahidol University

email: Chailerd.pic@Mahidol.edu

Mobile phone: 08-6363-1539

<https://il.mahidol.ac.th>