



Preparing a Holistic Assessment without examination

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21st century skills

- Learning skills
 - Critical, creative, collaborative, communication
- Literacy skills
 - Information, media, technology
- Life skills
 - Flexibility, initiative, social, productivity, leadership

21st century learning skills (the 4 C's)

- Critical skills

- Analyze, argue, classify, compare/contrast, defining, describe, evaluate, problem solve, cause & effect



- Creative skills

- Brainstorm, create, design, entertain, imagine, improvise, innovate, overturning, problem solving, questioning



- Communicating skills

- Analyze situation, choose medium, evaluate message, follow convention, listen actively, reading, speaking, turn taking, use technology, writing



- Collaborative skills

- Allocate resource, brainstorm, decision making, delegating, evaluating, goal setting, leading, manage time, resolve conflicts, team building

What's the problem now?

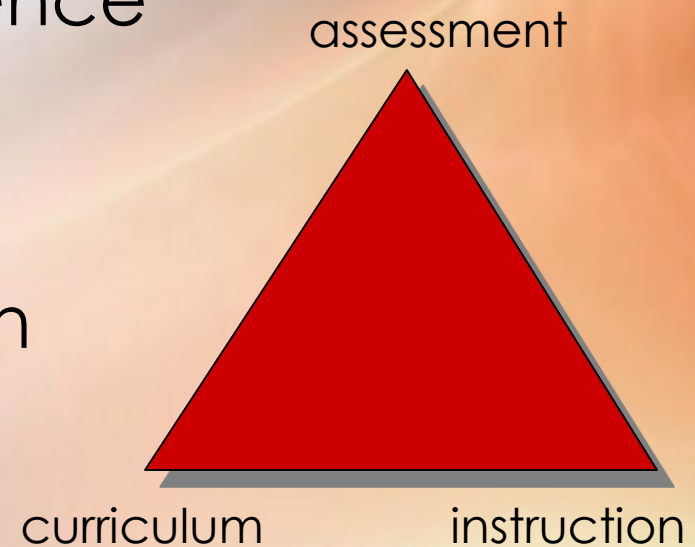
- Culture of 'exam orientedness'
- Too many examinations (exam anxiety)
- Too focused on 'rote learning', 'recall' or/and 'memorization'

What's the problem now?

- Too focused on grades, at the expense of real, deep meaningful learning (to the extent: what does A truly mean?)
- Stakeholders (society's) high expectation
- Global trend towards better alternative of assessment

NATURE OF ASSESSMENT

- Imprecise (always an estimate)
- Process of reasoning (infer) from evidence
- No one assessment “fits ALL”
- Need to be closely aligned with goals of curriculum and instruction



Types of Assessment

- Traditional
 - The common 'paper & pencil' tests
 - Standardized exams (UPSR, PT3, STPM, MUET, etc)
- Alternative
 - Performance
 - Electronic Portfolio, etc.
 - Authentic
 - Holistic?

Assessment of Learning (AoL)

- The process of collecting and interpreting evidence for the purpose of summarizing learning at a given point of time, to make judgements about the quality of student learning based on established criteria, and assigning a value to represent that quality.

Assessment for Learning (AfL)

- The ongoing process of gathering and interpreting evidence about student learning for the purpose of determining where they are in their learning, where they need to go, and how best to get there.

Definition of Holistic Assessment

- A comprehensive assessment that provides a holistic view of a child's learning by gathering data from multiple perspectives (child, teacher, parent) and multiple places of learning (home, school, community), while using current technology.

Further definition

- Holistic assessment (also called 'integrated assessment' or 'multi-dimensional assessment') focuses on the assessment of whole work activities rather than specific elements.

- When assessing a unit of competence holistically, the assessment activities integrate a number of aspects of the competency.

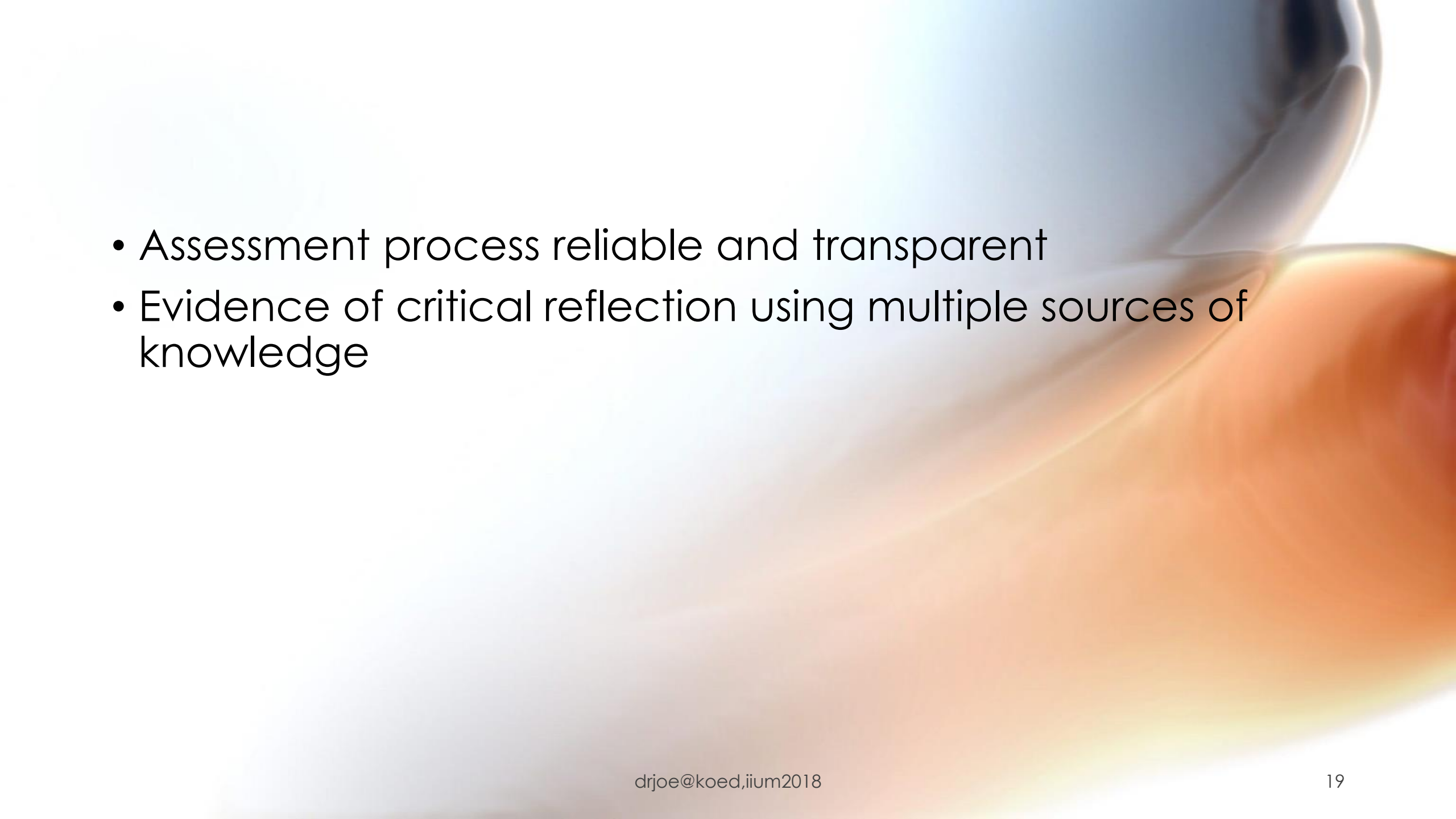
- Holistic assessment, underpinned by professional judgement, can reduce the time for assessment, and can promote greater equity in the assessment process.

Benefits(Advantages)

- reflect the real world and skill requirements of industry
- save time and reduce costs
- streamline processes and optimise evidence opportunities

Principles & conditions

- Progressive over time
- Consistent with curriculum, & include depth of evidence
- Individual capability statements in providing details of expectations (identify gaps, areas of development)

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- Assessment process reliable and transparent
 - Evidence of critical reflection using multiple sources of knowledge

Example of a Holistic Assessment Platform

- Capture all types of learning data and content
- Elicit learner reflections, and an evolving narrative
- Analyze unstructured learning data
- Empowers teachers and students with actionable insights

Holistic assessment platform should include elements such as:

- Innovative technology
- Interactive data portal
- Learning ideas
- Classroom materials
- Training portal
- Customizable rubrics

- End Part I