

***Implementing Educational
Aims: Community of Practice,
Cooperative &
Deep Learning***

Dr. Leo K. West

Setting

- Hong Kong University of Science and Technology's "College of Life Long Learning" & University of Warwick
- Higher Education Foundation Programme (HEFP)



Courses

- (1) Business Studies
- (2) Economics
- (3) Mathematics and Statistics
- (4) Sociology
- (5) English and Study Skills

Theoretical Considerations

- Deep Learning
- Cooperative Learning
- Community of Practice
(Sociocultural Theory)

Psychological

A. *Surface & Deep Learning (Biggs, 1992)*

Deep Learning

B. *3P Model (Biggs, 1996)*

A. *Presage- prior knowledge & abilities*

B. *Process-task*

C. *Product*



Cooperative Learning:

(1) *Interdependence,*

(2) *Individual
Accountability,*

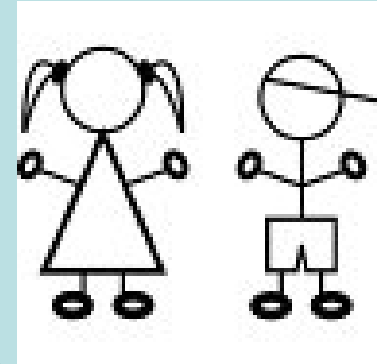
(3) *Interaction,*

(4) *Social Skills,*

(5) *Group Processing*

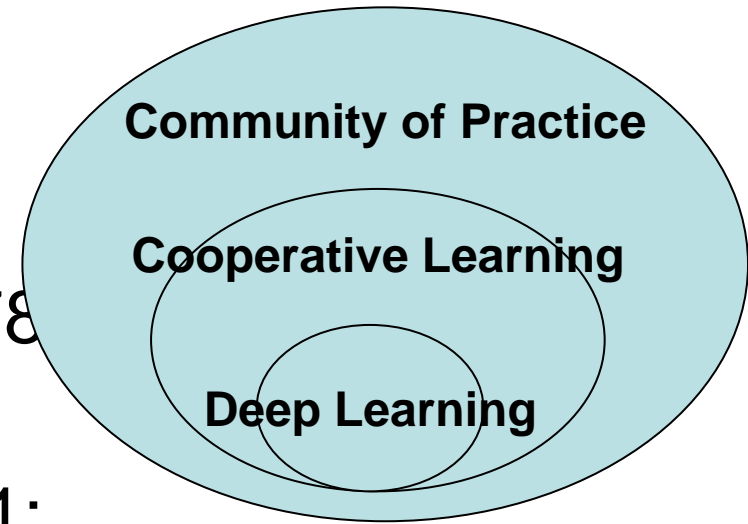
(Johnson & Johnson, 1989, 2005)

Cooperative Learning



Community of Practice

- Sociocultural Theory
 - (Vygotsky, 1978)
- Activity Theory
 - (Leont'ev, 1981;
Lave & Wenger, 1991)



HEFP Community of Practice

A. Personnel:

1. Students
2. Teachers
3. Administrators



B. Objectives:

1. Common Interests
2. Shared Enterprise



Community of Practice

“Teachers are generally quite good, helpful and friendly. They helped a lot for our academic Assignments. Classmates here are quite good. Administrations were friendly and helpful. They solved my problems quickly and efficiently”

(Kyros)



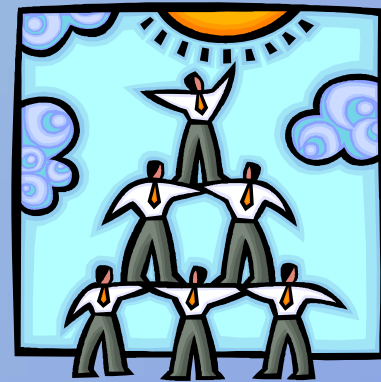
Community of Practice

- Benefits:
 - Motivation
 - Connectedness
- Limitations:
 - Not Self-Sustaining
 - Lack of Accumulative Knowledge



Cooperative Learning

“I develop my skills to communicate and to develop in-depth friendship with my classmates. We cooperated and overcame all the challenges together in this intense programme”
(Ken)



CL Limitations

- Limitations to CL:
 - Patchwriting or Text Borrowing (Pennycook, 1996; Pecorari, 2003)
- Social Skills
 - ‘Getting along’ with one’s peers, is just as important as ‘getting along’ with the course work (Allwright, 1996).



Deep Learning

- Vertical Effect
 - Content presented through various mediums
 - Sharing information promotes Presage, Process, & Product
- Horizontal Effect (Interdisciplinary Approach)
 - Economics teaches Adam Smith's Division of Labour & Sociology focuses on Durkheim's position

General Implications

- Creating Communities of Practice that focus on Cooperative Learning promotes Deep Learning objectives
- HKUST 3+3+4 Reform
- Contexts differ and educators must apply these ideas to their own needs

Questions & Answers

