

Enhancing Engineering Education

The case of Information Technology at VUAS

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Cognitive

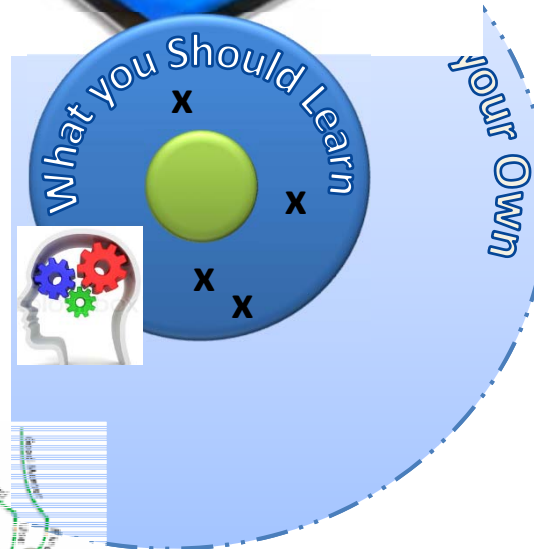


Benjamin Bloom 1913-1999

Lev Vj

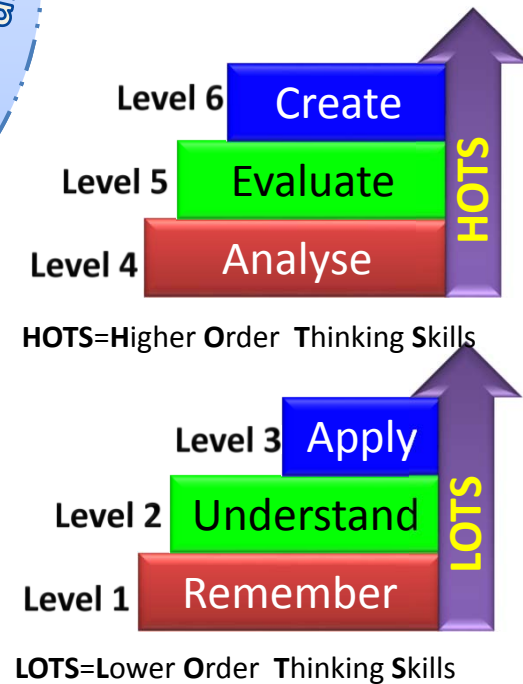
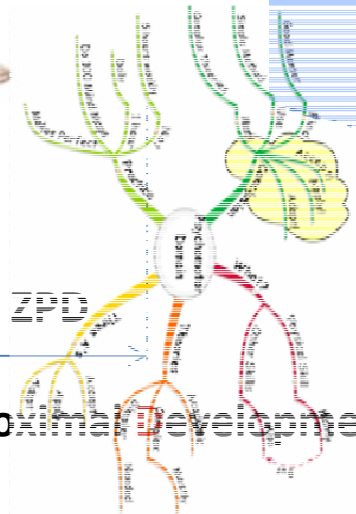
Affective

Psychomotor



depth of knowledge

Zone of Proximal Development



Ref: Aiming Higher: Bloom and Vygotsky in the Classroom By Mark-Andree Lalande

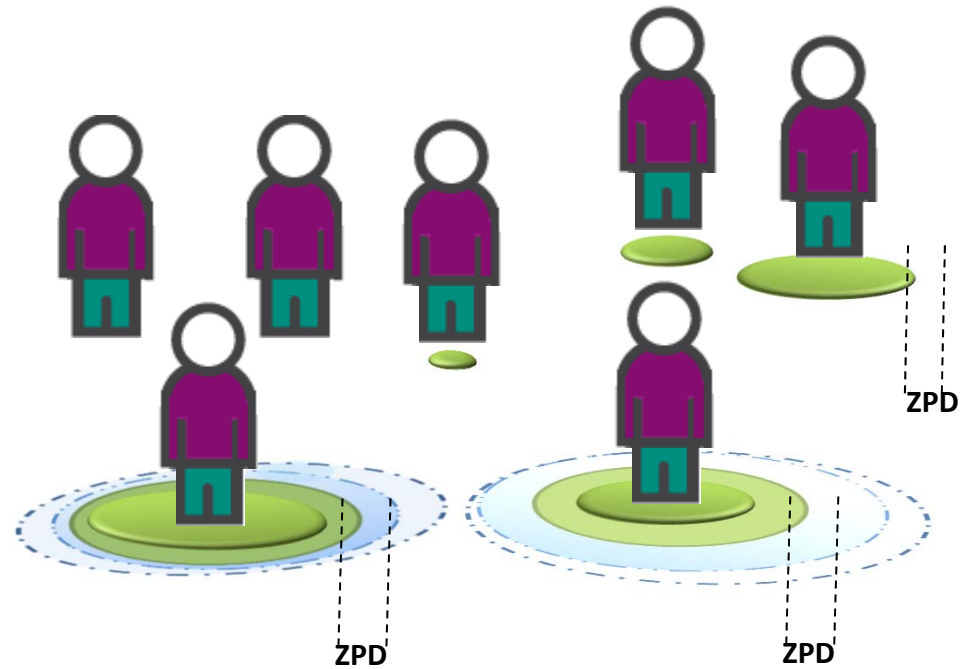
MOTIVATION



CHALLENGES



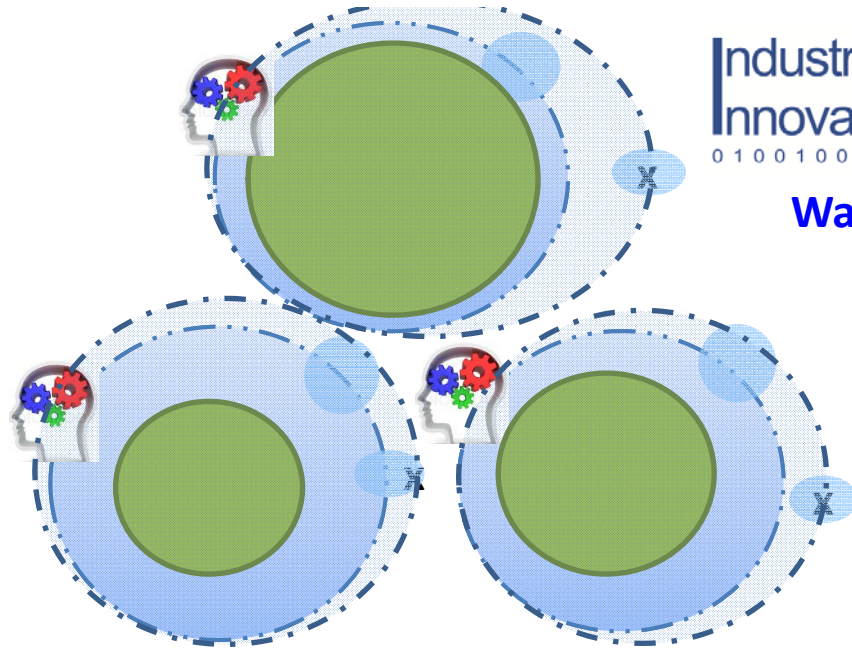
Learners # categories of learning



Learners # ZPDs



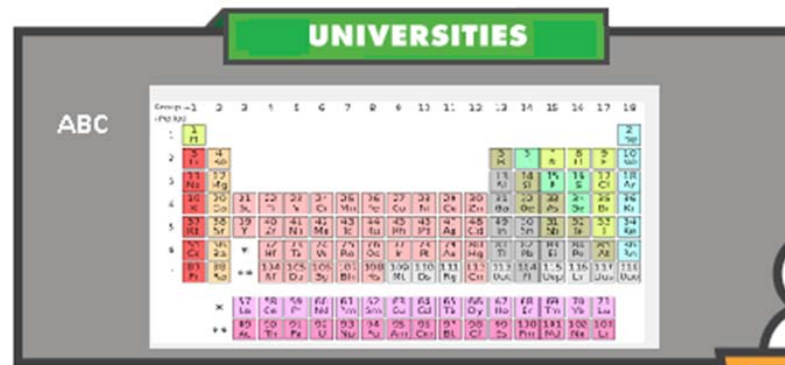
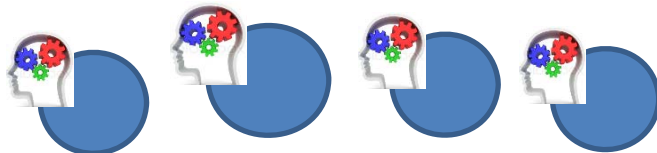
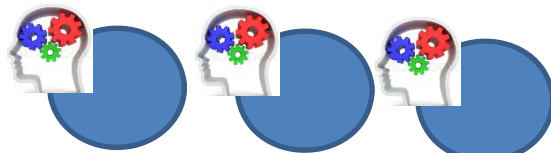
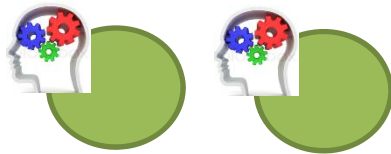
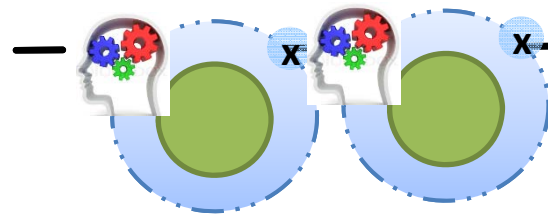
Way of Learning



Peer to Peer

R90%

Active Learning



Remember
Understand
Apply

R5%

Passive Learning





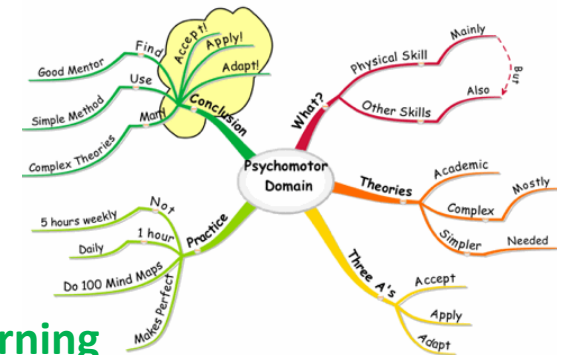
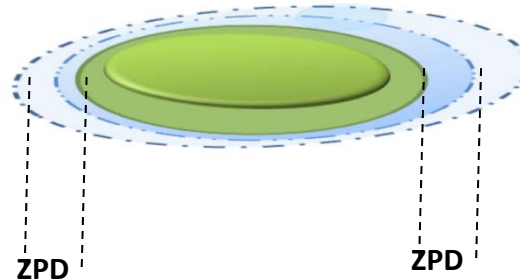
Targeted
Learning



Standards
Are
Important....

Conclusion

Industrial
Innovation Academy
0 1 0 0 1 0 0 1 0 0 0 0 0 1 0 0 1 0 0 0 0 1



Learning
Activity

...The way to
Reach them
Doesn't have
To be
Standardized



Thanks For your attention

For more information, here are some references:

- **Aiming Higher: Bloom and Vygotsky in the Classroom By Mark-Andree Lalande**
- <http://www.simplypsychology.org/vygotsky.html>
- commonsense.org