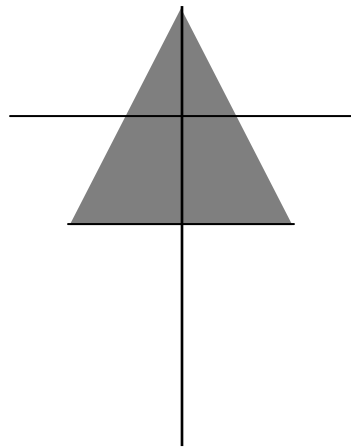


Challenges

- x How can we bring Bloom's Taxonomy further into the 21st Century?
- x Where should our focus be to maximize student learning?
- x Should pedagogy change as student learning progresses?



SKILL		
INTERNAL	YIN-YANG PAIRING	EXTERNAL
Critiquing	CONTRIBUTING	Presenting
Synthesizing	COLLABORATING	Creating
Analyzing	DOING	Applying
Recalling	KNOWING	Explaining

Cognitive Learning Context	Yin-yang Skill Pairing
Student to Group (vice-versa)	Presenting
Student with Group	Collaborating
Instructor with Student	Doing
Instructor to Student (vice-versa)	Knowing

Challenges

- x What learning model would support this new perspective?
- x How does this new information integrate into the learning model?
- x How do we move from instructor-driven teaching to student-driven learning?

<p>Knowing</p> <ul style="list-style-type: none"> x Recalling & Explaining x First Exposure x Independent Learning with Teacher Feedback x Instructor-driven > Learner-driven x Saturation, Repetition x Average Scoring, Low-stakes Assessment 	<p>Doing</p> <ul style="list-style-type: none"> x Analyzing & Applying x Learning Activities > New Experiences x High interaction with Teacher x Independent > Collaborative Learning x Mutually-driven x Average stakes Assessment
<p>Collaborating</p> <ul style="list-style-type: none"> x Synthesizing & Creating, collaborating & debating x High interaction with Group x Collaborative Learning x Group-driven x Higher stakes Assessment 	<p>Presenting</p> <ul style="list-style-type: none"> x Evaluating & Contributing, critiquing & instructing x Collaborative > Independent Learning x Group-driven > Learner-driven x Highest stakes Assessment

Challenges

How will the hybrid model help us to...

- x address the needs of the low achiever?
 - x keep the attention of the high achiever?
- ...and not lose either in the process?

Effect of Selected Alterable Variables on Student Achievement

Object of Change Process	Alterable Variable	Effect Size
Instructor		