































What is Student Centered Learning?

Not this

- Teachers are the primary source for knowledge
- The focus of learning is to gain information
- Rote learning or memorization of teacher notes or lectures was the norm a few decades ago
- Students work to achieve curricular objectivesStudents complete activities designed by the
- teacher to achieve academic success
 Students respond to positive expectations set by the teacher as they progress through activities
- Students are given extrinsic motivators like grades and rewards
- Student work is evaluated by the teacher

"traditional education ignores or suppresses learner responsibility" Wikipedia.com



What is Student Centered Learning?

But this

- "Hands-on" activities and "group work", in which a child determines on their own what they want to do in class
- Students actively construct their own learning
- Student-centered learning means inverting the traditional teacher-centered understanding of the learning process and putting students at the center of the learning process.
- Student-centered learning allows students to actively participate in discovery learning processes from an autonomous viewpoint.
- Students construct a new understanding of the material being learned in a proactive way
- Hands-on activities are administered in order to promote successful learning
- Distinctive learning styles are encouraged in a student-centered classroom

Wikipedia.com











What does the Research Say?

Student Centered Learning Strengthens student motivation Promotes peer communication

- Reduces disruptive behavior
- Builds student-teacher relationships
 Promotes discovery/active learning
 Responsibility for one's own learning

"Student learning processes are greatly enhanced when they participate in deciding how they may demonstrate their competence in a body of knowledge or the performance of skills."

"Significant learning is acquired through doing" Carl Rogers

Wikipedia.com







What does Student Centered Learning Look Like?

Characteristics of Student Centered Learning

- · Student's social needs are met: collaboration, communication, peer approval
- Students collaborate in hands-on problems and draw their own conclusions, or develop their own learning based on self-direction
- Open, dynamic, trusting, respectful, and promote children's subjective as well as objective learning styles
- · Focus is on individual students rather than whole class structures,
- Teachers often offer choices and adaptations within lessons,
- Students participate in the evaluation of their learning. Students are involved in deciding how to demonstrate their learning
- Developing assessment that supports learning and motivation is essential to the success of student-centered approaches.



Exemplar Schools

Big Picture Company Schools Met School, Providence and Newport Campuses 60 schools in USA, 125 worldwide

- Lower socio-economic students who otherwise might have dropped out
- 92% attendance rate (local average 81%)
- 98% graduation rate (local average 87%)
- 98% college attendance rate;
- 75% college graduation rate 50% national average
 - 6% national average for lower socio-economic students
- 75% are first ones in their families to go to college
- # 1 in state for School Climate
- #1 in state for Parent Involvement
- #1 in state for Teacher Availability (Academic Issues)
- #1 in state for Teacher Availability (Personal Issues)



Exemplar Schools

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Big Picture Company Schools Met School, Providence and Newport Campuses 60 schools in USA, 125 worldwide

Small school:120 students

- Internships in business + institutions 2 days/week, 4 years
- Personalized learning: curriculum wrapped around student interests
- · Project-based learning/direct teaching
- Teachers are advisors





Exemplar Schools

Expeditionary Learning Schools

A network of more than 165 schools in 30 states

- Instructional practices emphasize
 - Student inquiry
 - Critical thinking
 - Craftsmanship
- Students engage in original research Students create high-quality academic products to share with outside audiences

Learning expeditions

 Deep, interdisciplinary investigations of rich academic topics Bring together teachers from different disciplines or enrich the work of individual teachers in discipline-specific classrooms



PERSPECTIVES



























Table Team Video Productions

Story Board: Create Quick Story Board as a group, built with the following: Essence Statement Evidence/Examples Brief Description of Pattern

Advocacy Statement Connection to Other Patterns

Make it fun, make it memorable, make it go viral!

POST VIDEO TO YouTube by 11:00 am (1 minute video takes 8 minutes to upload)

- Student Centered Learning Pattern Framework
- Memorable Name: Maker Spaces
- Memorable Image: Edison's Tinkering Lab
- Essence Diagram: Lab in heart of school
- Brief Description of Pattern: Tinkering labs provide places to apply what is learned through other means, to experiment, push limits, learn from failure, etc.
- Connection to Other Patterns: Tinkering spaces should have access to the outdoors, to water, highly visible to all, etc.
- Advocacy Statement: Create tinkering spaces in all core learning areas, make them visible expressions of the nature of learning.



