

*integrating 21st Century
Tools into TSP Through
Curriculum
Redesign*

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overview

- New TSP curriculum
 - Needs analysis/rationale
 - Hybrid model
 - Integrating 21C tools
- Early data on new TSP model
- Questions

Needs Analysis / Rationale

- Meet every week = too much
- Need time to work on projects
- Need more structure to ensure project completion
- Need encouragement to meet with mentors earlier in TSP
- Content must be TSP-friendly

New TSP Curriculum

Part 1: Equipping You For, and Iteratively Building Your Education Project											
	Aug 2013	Sept 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	March 2014	Apr 2014	May 2014	June 2014
Date	Aug 21-23, Keystone	Sept 17 2-5pm	Oct 15 2-5pm	Nov 19 2-5pm	Dec 10 2-5pm	Jan 14 2-5pm	Feb 11 2-5pm	March 11 2-5pm	April 8 2-5pm	May 13 2-5pm	June 17 2-5pm
Topic	Leadership	Problem Identification & Needs Assessment I	Needs Assessment II	Theories of Learning	Curriculum Design	Ideas that influence Curriculum Design	Assessment	Evaluation	Project & Time Management	Academic Writing & Grant Writing	Writing Conference proposals; Academic Presentations
Part II: Executing Your Education Project											
	July 2014	Aug 2014	Sept 2014	Oct 2014	Nov 2014	Dec 2014	Jan 2015				
Date	July 15 2-4pm		Sept 16 2-4pm		Nov 18 2-4pm		Jan 13 12-2pm				
Topic	Works In Progress		Works In Progress		Works In Progress		Final Presentation				

New TSP Curriculum

1 st Week	2 nd Week	3 rd Week	4 th Week
Teaching (afternoon only)	Project Work (Includes working on your project and meeting with your mentor(s)).		
2-2:50pm – Teaching Session 1			
10 min break			
3-3:50pm – Teaching Session 2			
10 min break			
4-4:50pm Teaching Session 3	Post response to discussion board by 11:59pm MST	Post response to discussion board by 11:59pm MST	Post project update to discussion board by 11:59pm MST

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Pre-activities

e.g. assigned reading, eLearning module, quiz, etc

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Evaluation of TSP'ers

Evaluation of Faculty, Process, Tools

Specific Example

Sept 17	Sept 21	Oct 1	Oct 8
Teaching	<p>Project Work (Includes working on your project and meeting with your mentor(s)).</p>		
2-2:50pm – Problem Identification			
10 min break			
3-3:50pm – Writing a Good Research Question			
10 min break			
4-4:50pm General Needs Assessment	Post your refined problem statement to discussion board by 11:59pm MST Sunday	Post your research question to discussion board by 11:59pm MST Sunday	Post your needs assessment summary to date (bullet points or 2-5 sentences) to discussion board by 11:59pm MST Sunday



Dashboard Discussion X



Admin User

Post your Needs Assessment

Post your needs assessment summary to date (bullet points or 2-5 sentences) to discussion board by 11:59pm MST Sunday Oct 13

posted on 10/5/13 in TSP: Needs Assessment

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Results 1 - 5 of 16



Needs assessment, looking at effectiveness of clinical instructors in facilitating student physical therapy clinical reasoning:

- Literature review of how CIs facilitate clinical reasoning
- Literature review of evaluating effective clinical instruction
- Review of APTA CI Credentialing Course and what is taught specific to ICF Model
- Review of student evaluations of CIs in current clinical education curriculum

posted on 10/14/13

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Needs Assessment:

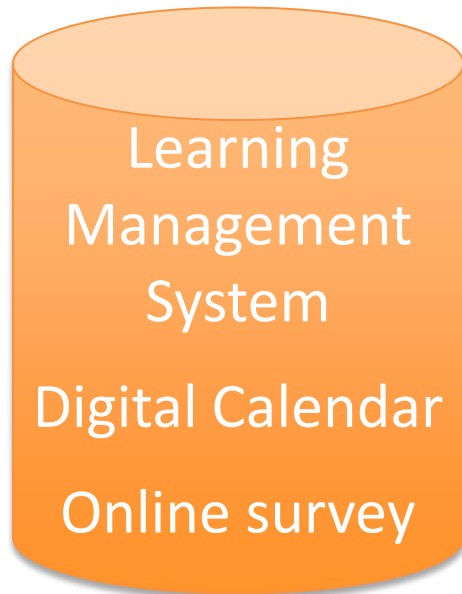
- Department goal for a comprehensive resident curriculum.
- There is a need for a well thought out primary care curriculum with built in evaluation and outcome measures.
- There existed a primary care teaching conference in pediatrics, but it lacked necessary components of a curriculum..
- There were no outcome goals nor process goals
- Implentation challenges of old conference included no consistency: In handouts for talks, in who gives talks, where they are given, and how they are given. Implentation challenges also include time availability for talks and challenges of residents in different primary care offices with difference primary care preceptors.

posted on 10/14/13

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integrating Tools

Administration



Research Tools



Teaching/Learning Tools



Design-Based Approach

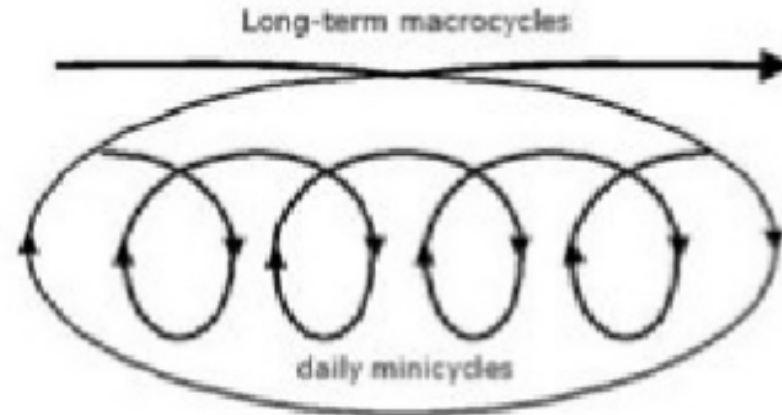


Figure 4.4: Micro and macro design cycles

Gravemeijer & Cobb. (2006). Design Research from a Learning Perspective. In: *Education Design Research*. van den Akker, J., Gravemeijer, K., McKenney, S., Nieveen, N., Eds.

Early Feedback

Weeks 0-4:
“How do I....?”

Learning
Management
System

Early Feedback

Weeks 0-4:
“How do I....?”

Learning
Management
System

Weeks 6,7,8:
“Where can I
find my posts?”

Early Feedback

Weeks 0-4:
“How do I....?”

Learning
Management
System

Weeks 6,7,8:
“Where can I
find my posts?”

Weeks 9-16:
“Can I do...?”

Early Feedback: PProjects

Weeks 0-4:
“Who is my
mentor?”



Early Feedback: Projects

Weeks 0-4:
“Who is my
mentor?”

Weeks 2-6:
“I’m confused
about needs
analysis and
problem
question”



Weeks 7-12:
“What are my lit
review terms?”

Early Feedback: Curriculum

1 st Week	2 nd Week	
Teaching / ...	Project (Includes working on your project and meeting with your mentor(s)).	
3-3:50pm - Teaching Session 2		
10 min break		
	...ponse ...na ...ST	... by 11:59pm

“Good pacing”

“I have time to meet with my mentor/work on my project”

“Ensure presentations are specific to TSP needs”

“Where is the calendar?”

Questions?