



Team-Based Learning

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FCTL

Team-Based Learning (TBL) is one example of a flipped classroom

- Highly structured
- Small groups (5-7 is ideal)
- Module-based
 - Individual pre-work
 - Individual readiness assurance-iRAT
 - Team readiness assurance-tRAT
 - Clarification session
 - Application exercises
 - Immediate feedback



Out of class
Usu. 30-50 pages

In class
Usu. 1 to 1.5 hours

In class
Usu. 3 to 5 class meetings

Readings for
preparation

Readiness Assurance Process:
Individual test →
Same test completed as a team →
Appeals →
Mini-lecture

Application activities
Teams work on a significant
problem that requires them to
make a significant choice. All teams
work on the same problem and
report simultaneously.

Structure of a team-based learning module

IF AT Immediate Feedback Assessment Technique

IMMEDIATE FEEDBACK ASSESSMENT TECHNIQUE (IF AT®)
 Name Team #3 Test # 2
 Subject _____ Total _____
SCRATCH OFF COVERING TO EXPOSE ANSWER

	A	B	C	D	Score
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
2.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4
4.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Application Activities: 4-S method

1. Significant
Question/Problem
2. Same Question/Problem
3. Specific Choice required
4. Simultaneous Report



Let's brainstorm ideas for application activities

- Place-based problems
 - Environmental disruptions
 - Population effects
 - Heritage/conservation sites
 - Declining biodiversity
- Issues in higher education
 - Effectiveness of benchmarks of learning
 - Academic freedom
 - Viewpoint diversity
 - Student resilience

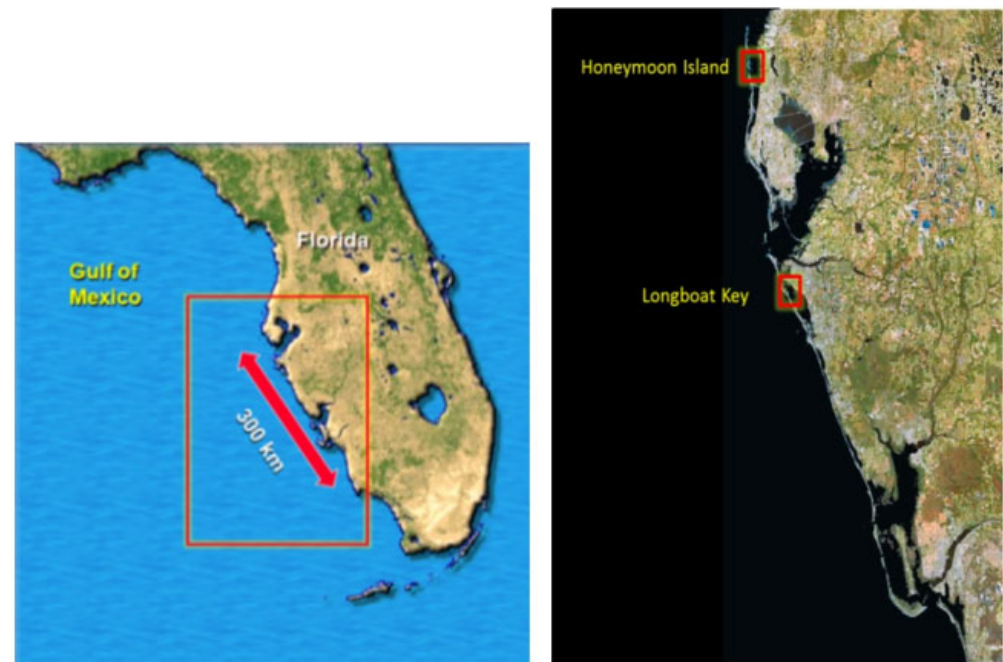
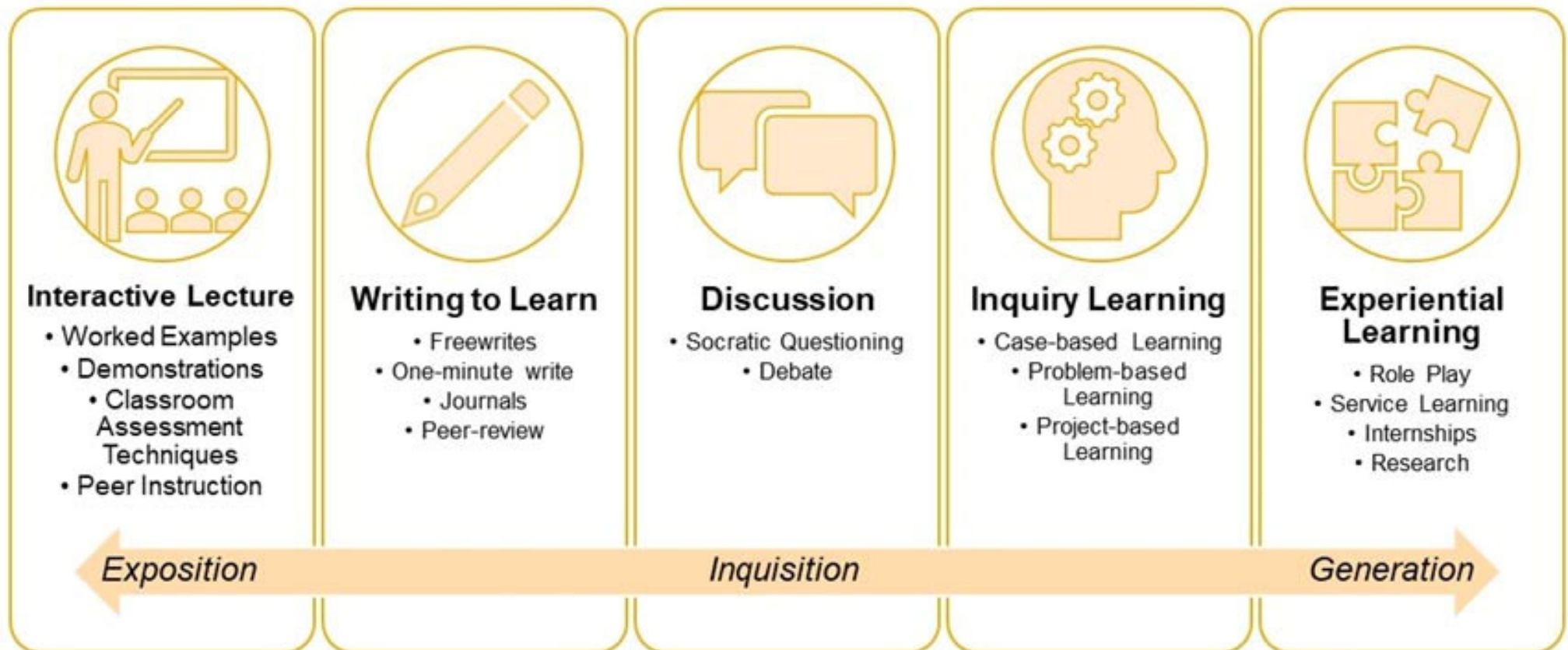


Figure 1. Study area and locations of case studies

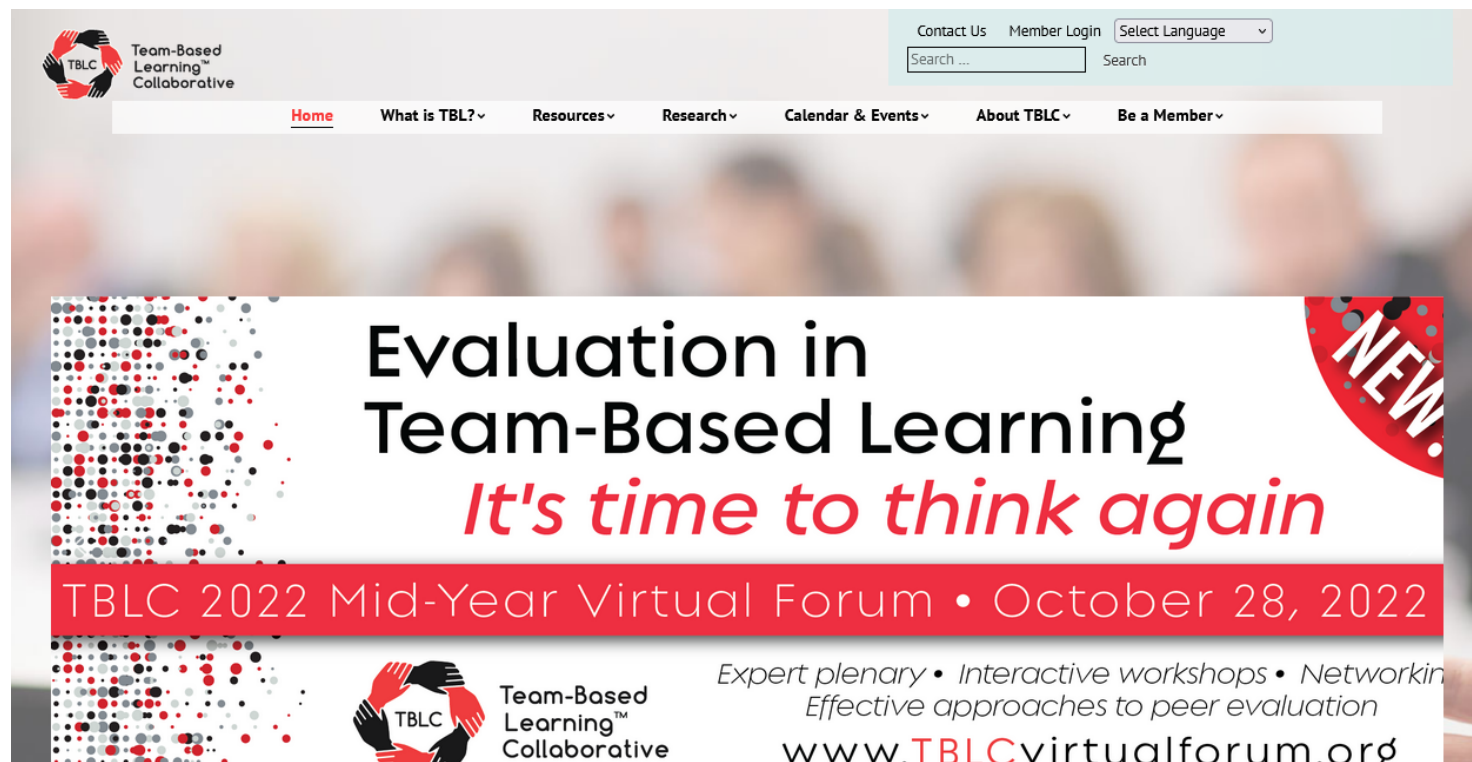
TBL can replace or complement other teaching methods



Overview of TBL Planning

1. Create a strategy for group formation
2. Select the preparatory work: readings, videos, online activities, etc.
3. Create the Readiness Assurances
 1. iRATs
 2. tRATs
 3. Appeals
 4. Clarifying mini-lectures
4. Design the Application Activities using the 4-S model
5. Identify opportunities for feedback and reflection
6. Schedule the sequence of the module(s)

Check out the TBL Collaborative at
www.teambasedlearning.org



The screenshot shows the homepage of the Team-Based Learning Collaborative (TBLC). At the top left is the TBLC logo, which consists of two hands holding a circle with the letters 'TBLC' inside. To the right of the logo is the text 'Team-Based Learning™ Collaborative'. In the top right corner, there are links for 'Contact Us', 'Member Login', and a 'Select Language' dropdown menu. Below these links is a search bar with the placeholder text 'Search ...'. A navigation menu is located below the search bar, with links for 'Home', 'What is TBL?', 'Resources', 'Research', 'Calendar & Events', 'About TBLC', and 'Be a Member'. The main content area features a large banner with a background of blurred people. The banner text reads 'Evaluation in Team-Based Learning' in large black font, followed by 'It's time to think again' in red italicized font. A red banner below this text says 'TBLC 2022 Mid-Year Virtual Forum • October 28, 2022'. In the bottom left corner of the banner is the TBLC logo. In the bottom right corner of the banner, it says 'Expert plenary • Interactive workshops • Networking' and 'Effective approaches to peer evaluation' above the website address 'www.TBLCvirtualforum.org'.

Team-Based Learning™ Collaborative

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It's time to think again

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Thank you