

Action Research Plan

Goal: To determine the effect Project Based Learning has on student collaboration, communication, and work ethic in the elementary classroom.

Action Steps(s):	Person(s) Responsible:	Timeline: Start/End	Needed Resources	Evaluation
Analyzing Data				
1. Conduct a baseline to measure current student ability levels of collaboration, work ethic, and communication during class time. Twelve 5th grade students will be selected for duration of plan; 6 from each class section.	Project Leader: Ashley Fredo (myself) and Instructional Coach (Carolyn Gump)	9/1/11 through 9/30/11	1. Rubrics to quantitatively measure collaboration, work ethic, and communication which will be used throughout the plan.	This action step will be evaluated using data collected from Project Leader and Carolyn Gump. Report will be developed to identify current student levels of collaboration, work ethic, and communication using data from both evaluators.
2. During PBL Project #1 student group ability levels of collaboration, work ethic, and communication will be measured. Both evaluators will conduct the observation assessment randomly during PBL project.	Project Leader and Carolyn Gump	10/10/11 through 10/30/11	1. Rubrics to quantitatively measure collaboration, work ethic, and communication , which will be used throughout the plan.	This action step will be evaluated using data collected from Project Leader and Carolyn Gump. Report will be developed to identify current student levels of collaboration, work ethic, and communication using data from both evaluators.
3. During PBL Project #2 student group ability levels of collaboration, work ethic, and communication will be measured. Both evaluators will	Project Leader and Carolyn Gump	11/1/11 through 11/20/11	1. Rubrics to quantitatively measure collaboration, work ethic, and	This action step will be evaluated using data collected from Project Leader and Carolyn Gump.

conduct the observation assessment randomly during PBL project.			communication , which will be used throughout the plan.	Report will be developed to identify current student levels of collaboration, work ethic, and communication using data from both evaluators.
4. During PBL Project #3 student group ability levels of collaboration, work ethic, and communication will be measured. Both evaluators will conduct the observation assessment randomly during PBL project.	Project Leader and Carolyn Gump	2/1/12-6/1/12	1. Rubrics to quantitatively measure collaboration, work ethic, and communication , which will be used throughout the plan.	This action step will be evaluated using data collected from Project Leader and Carolyn Gump. Report will be developed to identify current student levels of collaboration, work ethic, and communication using data from both evaluators.
5. During PBL Project #4 student group ability levels of collaboration, work ethic, and communication will be measured. Both evaluators will conduct the observation assessment randomly during PBL project.	Project Leader and Carolyn Gump	2/1/12-6/1/12	1. Rubrics to quantitatively measure collaboration, work ethic, and communication , which will be used throughout the plan.	This action step will be evaluated using data collected from Project Leader and Carolyn Gump. Report will be developed to identify current student levels of collaboration, work ethic, and communication using data from both evaluators.

Developing Deeper Understanding				
During each of the 4 PBL projects, collect student samples of learning logs from student group. During each of the 4 PBL projects collect reflection-writing pieces on collaboration, work ethic, and communication from student group.	Project Leader	10/1/11-6/1/11	Student learning logs and student project reflections	This action step will be evaluated after all 4 PBL projects have been completed. Student learning log and writing reflection pieces will be used to evaluate collaboration, work ethic, and communication.
Engaging in Self-Reflection and Determining direction				
Following baseline data collection and PBL data collection one, Gump and Fredo will meet to discuss example of collaboration, work ethic, and communication and ranking these on the rubric	Project Leader and Carolyn Gump			
Exploring Programmatic Patterns and Taking action for school improvement				
Evaluation of Action Research Plan: In this step, we will analyze collected student data and determine relationship between PBL and collaboration, work ethic, and communication. We will assess the strength and weakness of the action research to determine if we should continue the process, make necessary readjustments and restart the progress by broadening the action into other	Project Leader, Carolyn Gump, and Leslie Whitworth (Principal)	5/2012	Completed first phase of action research plan with data and writing samples	

classrooms.				
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