

Pilot Project Template
Quality Enhancement Plan
Vernon College

Name: Margaret Patin	Title/Department: Mathematics Department	Date Submitted: Nov. 4, 2010															
Project Course/Project Service Area: PreAlgebra Course		Project Year: 2010-2011															
QEP Goals: Increase student learning through improved engagement. 1. Transform curriculum and instruction. 2. Participate in professional development opportunities. 3. Create a technology rich environment.																	
Objective: Students will demonstrate an ability to demonstrate the underlying concepts of specific math algorithms including operations with integers and fractions.																	
Statement of Need: Personal observations of math students at various levels																	
Actions: 1) Record lessons using virtual manipulatives. 2) Use manipulative in the classroom to aid in student understanding and retention. 3) Record key lectures for students to use as a resource. 4) Make all items available to all math instructors for use in their classes beginning Fall 2012																	
Resources and Approximate \$: 1. Technology: <i>Check and list approximate cost</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">\$ _____ <input type="checkbox"/> Wimba Live Classroom</td> <td style="width: 33%;">\$ _____ <input type="checkbox"/> Webcam - Qty:</td> <td style="width: 33%;">\$ _____ <input checked="" type="checkbox"/> Camtasia Software</td> </tr> <tr> <td>\$ _____ <input type="checkbox"/> Blackboard Course Shell</td> <td>\$ _____ <input type="checkbox"/> Headset w/ Microphone - Qty:</td> <td>\$ _____ <input type="checkbox"/> Adobe Premier Elements Software</td> </tr> <tr> <td>\$ _____ <input type="checkbox"/> Laptop Computer</td> <td>\$ _____ <input type="checkbox"/> Digital Voice Recorder</td> <td>\$ _____ <input type="checkbox"/> Software Other:</td> </tr> <tr> <td>\$ _____ <input checked="" type="checkbox"/> Tablet Computer</td> <td>\$ _____ <input type="checkbox"/> Video Camcorder</td> <td>\$ _____ <input type="checkbox"/> Qwizdom Clickers: Standard OR Short Answer</td> </tr> <tr> <td>\$ _____ <input checked="" type="checkbox"/> Other: Class set of manipulatives</td> <td></td> <td>Instructor Unit-Qty: Individual Clicker-Qty:</td> </tr> </table> 2. Personnel: <i>List person & help needed</i> Training for me in using the technology 3. Institutional Improvement: <i>List</i> 4. Facilities: <i>List</i>			\$ _____ <input type="checkbox"/> Wimba Live Classroom	\$ _____ <input type="checkbox"/> Webcam - Qty:	\$ _____ <input checked="" type="checkbox"/> Camtasia Software	\$ _____ <input type="checkbox"/> Blackboard Course Shell	\$ _____ <input type="checkbox"/> Headset w/ Microphone - Qty:	\$ _____ <input type="checkbox"/> Adobe Premier Elements Software	\$ _____ <input type="checkbox"/> Laptop Computer	\$ _____ <input type="checkbox"/> Digital Voice Recorder	\$ _____ <input type="checkbox"/> Software Other:	\$ _____ <input checked="" type="checkbox"/> Tablet Computer	\$ _____ <input type="checkbox"/> Video Camcorder	\$ _____ <input type="checkbox"/> Qwizdom Clickers: Standard OR Short Answer	\$ _____ <input checked="" type="checkbox"/> Other: Class set of manipulatives		Instructor Unit-Qty: Individual Clicker-Qty:
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Assessment Method/Date:

At least 2 Prealgebra classes will be conducted using one as a control, during Spring 2012. Comparisons of student performance on selected assessments will be used to judge the efficacy of the treatment.

Results: Achieved, Not Achieved, In Progress This section to be completed Spring/Summer 2012

Assessment Data/Evidence:

Use of Results for Improvement:

Approved by: _____
Dean

_____ Date

Office Use Only: Selected for 2011-2012 pilot project by QEP Implementation Committee: yes no

_____ Initials

_____ Date