Preapproval Form: To be submitted prior to engaging in PD

Name: Middle School Teacher IPDP Approval Date: 12/18/2008		
Teaching/Work Assignment: Grade 6 Science		
District & Building/School Name: Small Town Middle School		
Date(s) of Professional Development: 1/20/2009 to 5/29/2009		
Location of Professional Development: Teacher's conference room		
Title of Professional Development: (Specify)		
Hands-On Learning in The Science Classroom		
Type Select one or more as appropriate.		
☐ College/university course		
☐ Ongoing series of workshop sessions		
☐ Conference		
☐ Single workshop		
✓ Professional Learning Team/Community Involvement		
☐ Independent study/action research☐ Professional educational organization activities		
☐ District leadership team, LPDC, curriculum development, school		
improvement		
☐ Coaching/mentoring student teachers, new teachers or teachers		
in need		
☐ Other, not listed above: (Specify)		
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Description of PD		
Our PLT consists of the four 6th grade science teachers and the district's		
science coordinator. We meet for one hour on a weekly basis for 20 weeks.		
The focus of the PLT is to research and increase hands-on learning		
(experiments) in the 6^{th} grade classroom. We also investigate ways to		
incorporate hands-on demonstrations for assessment purposes.		
IPDP Goal(s) applicable to this PD		
Goal 1		
Explore various assessment strategies so as to authentically assess my		
students' academic achievement and use this information to inform		
instruction.		
Goal 2		
Explore varied teaching strategies and methods so as to best meet the needs		
of each individual learner in my classroom.		
of each individual learner in my classroom.		

Number of contact hours: 20	Number of CEUs requested: 3 CEUs	
I am requesting CEUs beyond the contact hours as each PLT		
meeting includes assignments for each participant to be		
completed between meetings.		
Signature of applicant	Date	
DO NOT MARK BELOW THIS LINE. FOR LPI	DC USE ONLY.	
☐ Revise/Resubmit Revision Advice:		
-OR-		
☐ Approved as written		
Approval Signature	Date	

Evaluation of Preapproved Professional Development [To be completed after the PD experience]

Directions: Complete sections I and II.

I. Alignment to Ohio Professional Development Standards. Answer ALL that apply. Standard 1: How has the PD been ongoing? -or- how will you extend this PD experience over time? **Standard 2:** What data sources guided you toward this PD? The self-assessment for teachers found in the book, Organizing for High Quality Professional Development. I have also noticed a need for an increase in student achievement in the area of science. I have noticed this need based upon my own classroom assessments and on the grades 5 and 8 OAT Science scores. I also surveyed my students so that they could tell me which teaching methods they felt they most benefited from. They indicated that they really liked experiments and hands-on learning. Previous to this professional development, I did not incorporate many hands-on activities during classroom instruction. **Standard 3:** How does the PD include opportunities for collaboration? **Standard 4:** How did the PD include varied learning experiences to accommodate adult learning needs? This PD allowed for discussion among the participants and facilitation

from the science coordinator in the various ways hands-on learning could be infused into our classroom instruction. It also allowed for practical

application where I could take the knowledge that I had gained and apply it to my own classroom instruction. I also had the opportunity to reflect in a journal about how I felt that increasing hands on activities in my classroom instruction was impacting student learning and achievement.

Standard 5: Evaluate the PD as to its short- and long-term impact. Be as specific as possible.

The professional development provided me with activities and experiments for immediate use in my classroom.

I surveyed my students after increasing hands on learning in my classroom to see if they felt that they were learning more and if the classroom environment was more enjoyable. They responded that it definitely was. I have also noted an increase in student achievement in the scores that my students receive on classroom assessments. I have observed that the students are more engaged during class and more students are completing their inclass and homework assignments in a timely manner.

Standard 6: How did the PD result in the acquisition, enhancement or refinement of skills & knowledge? Be specific.

II. Identify and attach documentation to evidence completion of the PD experience.		
Submitted documentation: (Check all that apply.) □ Certificate of attendance □ Reflection journal □ Time log ☑ Agenda with specific dates & times □ Conference program with attended sessions identified □ Transcripts or grade reports □ Original work related to PD: portfolio, lesson plans, curriculum documents, grants, academic articles, etc. ☑ Other: (Specify)Lesson plans created by PLT DO NOT MARK BELOW THIS LINE. FOR LPDC USE ONLY.		
□ Revise/Resubmit Revision Advice:		
-OR-		
☐ Approved as written		
Approval Signature Date		