

OER Rider A Mathematics

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SPECIFICATIONS OF WORK TO BE PERFORMED

Goal 1. Organize the team to Research Open Educational Resources (OER) in Mathematics.

STRATEGY	ACTION PLAN	TIME
Recruit and identify project lead.	<ul style="list-style-type: none"> • Develop job description. • Select a project coordinator 	February, 2010 or on receipt of approved contract
Recruit OER Math Teacher Researchers from each of the 9 Superintendent Regions	<ul style="list-style-type: none"> • Develop Teacher Researcher OER Invitations. • Disseminate information through our partners and Maine Support Network (MSN) electronic database to request teacher research OER proposals. • Recruit teachers as needed to participate in OER Research. • Interview and select Teacher Researchers. 	March 2010
Identify other stakeholders (e.g., students, family members, other math and technology, and family organizations) to participate on the advisory team.	<ul style="list-style-type: none"> • Create an invitation to support and encourage participation on the math Advisory Team (AT); • Identify expectations for member participation on advisory team; • Develop AT application form and develop the selection process; • Disseminate information to public and nonpublic schools through our multiple partnerships and electronic database for AT membership; • Identify an Institute of Higher Education (IHE) representative in the area of math to serve on the advisory team; • Identify other stakeholder representation; • Select teachers from the 9 regions to serve on the OER math AT. 	March, 2010
Team Meeting Structure	<ul style="list-style-type: none"> • Develop and deliver introduction meeting – AT will review the grant objectives and develop timelines and processes to support the work. • Identify on-going input processes to guide and assess the work in process. • Identify criteria for teacher OER research proposals. • Develop process to review provide feedback and proposals acceptance. 	March, 2010

Goal 2. Organizing and undertaking the research of OER.

Strategy	Action Plan	Time
Teacher Researchers Develop Specific OER Research Proposals.	<ul style="list-style-type: none"> Teacher Researchers submit OER Research Proposals. 	April, 2010
The Advisory Committee will review teacher proposals for OER research and development.	<ul style="list-style-type: none"> Using the above process and criteria teacher research proposals reviewed. AT will provide suggestions for improvement or acceptance. 	April, 2010
Project Director will provide support and information in the development of delivery of research OER proposal outcomes.	<ul style="list-style-type: none"> Project director will provide day-to-day support to teacher researchers for successful completion of proposals. 	April – September, 2010
OER research, online seminars, etc will be disseminated using our extensive electronic database.	<ul style="list-style-type: none"> Announcements for OER Resources created by teacher researchers will be developed; Announcements will be disseminated; Assessments and tracking of OER resource access will be designed. 	March – June 2010
Share OER online.	<ul style="list-style-type: none"> Team members identify align and post at least fifty OER elements on Learncentral.org 	June,2010

Goal 3. Develop an on-going network that can support and encourage further dialogue and OER development.

Strategy	Action Plan	Time
Through our regional partners identify most effective means to support ongoing teacher understanding and use of OERs.	<ul style="list-style-type: none"> Survey Monkey, focus groups, and interviews will be used to inform the AC and Project Directors as to the most effective venues for support. 	March – October, 2010
Develop a timeline for implementation of OER development and use.	<ul style="list-style-type: none"> Review the results of survey monkey, focus groups and interviews to develop timeline and strategies of deployment. 	March – October, 2010
Promote the utilization of OER materials.	<ul style="list-style-type: none"> Present findings at the MLTI Summer Institute and other venues 	July, 2010

Goal 4. Identifying areas for which additional OERs should be developed.

Strategy	Action Plan	Time
The AT will review work completed by teacher researchers	<ul style="list-style-type: none"> AT will review work completed by teacher researchers and identify next steps for OER development using data from above strategy. 	April 2010

MSN will use Learn Central.org as an organizational structure for math OERs.	<ul style="list-style-type: none"> • MSN will use LearnCentral.org as an organizing structure to share links and information to support access to and utilization of OERs • MSN will have the AT review the site to provide insights to accessibility and clarity. 	March – October, 2010
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Goal 5. Identifying and Linking SAU professional learning needs

Strategy	Action Plan	Timeline
Identify SAU professional development PD needs	<ul style="list-style-type: none"> • MSN staff will work with SAU administrative team to review SAU learning goals in Health/PE 	March – June, 2010
Assist SAU in building the capacity of educators to integrate technology	<ul style="list-style-type: none"> • MSN and SAU staff will identify PD providers or programs to enable teachers and other professionals to integrate technology in Health/PE teaching and learning 	May-September, 2010

Goal 6. Introduce and explain the importance of OER to parents.

Strategy	Action Plan	Time
AT team will have family representation	<ul style="list-style-type: none"> • Family members or family organization representatives will be recruited for AT participation 	March, 2010

Goal 7. Informing parents of the role of technology in the education of their children and the activities funded by the grant.

Strategy	Action Plan	Time
Information will be disseminated on strategies to support family understanding of and access to OERs in the areas of math as appropriate.	<ul style="list-style-type: none"> • Links will be provided to schools to support family engagement and understanding of ways they can support their child’s achievement in math. 	April – September, 2010

Goal 8. Project Evaluation

Grant recipients will agree to actively participate in grant evaluation activities required by the federal government, the Maine Department of Education and the project evaluator, the University of Southern Maine Center for Education Policy, Applied Research, and Evaluation.