DLConnect: Connecting teachers with NSDL resources

http://dlconnect.usu.edu
DLConnect Mission

- Focus on NSDL dissemination within school settings through development workshops
- Employ an iterative program of workshop development and deployment
- Directly impact 250 teachers
- Through a well-developed scheme for dissemination and sustainability, indirectly impact schools nationwide
Goals

- Design and implement an innovative and powerful workshop model
- Use evaluation and research to demonstrate effectiveness on learning and teaching
- Leverage connections for widespread dissemination
- Establish a solid foundation for sustainability
Audience and Activities

- Target middle school math and science teachers, pre-service teachers and media specialists
- Use online tutorials, workshops, and classes to deliver pragmatic instruction on using NSDL resources to improve student achievement
- Impact 5,000 teachers, with a focus on underserved populations
- Partner with schools and professional societies
- Share tested curricular materials for use by other projects and results with NSDL developers
Pilot Work at USU

- Rapid cycles of development and evaluation
- Methods: electronic and online surveys, participant observations, group interviews, key informant interviews, and webmetrics
## USU Pilot Workshops

<table>
<thead>
<tr>
<th>Teacher Participants</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pre-service @ USU (Fall 2003)</td>
<td>14</td>
</tr>
<tr>
<td>2. Pre-service @ USU (Fall 2003)</td>
<td>20</td>
</tr>
<tr>
<td>3. Pre-service @ USU (Spring 2003)</td>
<td>14</td>
</tr>
<tr>
<td>4. School Library Media Specialist @ USU (Summer 2004)</td>
<td>13</td>
</tr>
<tr>
<td>5. In-service, secondary science (Fall 2004)</td>
<td>17</td>
</tr>
<tr>
<td>6. In-service, elementary math (Fall 2004)</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>96</strong></td>
</tr>
</tbody>
</table>
## EMU Planned Workshops

<table>
<thead>
<tr>
<th>Teacher Participants</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pre-service @ EMU (Winter 2005)</td>
<td>25</td>
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<tr>
<td>2. Pre-service @ EMU (Spring/Summer 2005)</td>
<td>50</td>
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<tr>
<td>3. School Library Media Specialist (Summer 2005)</td>
<td>15</td>
</tr>
<tr>
<td>4. In-service, 6-9 science (Summer 2005)</td>
<td>15</td>
</tr>
<tr>
<td>5. In-service, 6-9 math (Summer 2005)</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>105</strong></td>
</tr>
</tbody>
</table>
Outcomes

- Tested face-to-face and online curricula
- Change agent model
- Impact on teacher usage of NSDL resources
- Standardized, valid, and reliable online survey instruments
- Defining quality and effectiveness rubrics for Digital Libraries and Online Resources
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