

Sustainable Classroom Project

Summary Overviews of Nine Experimental Lessons by Teacher

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This summary is based on data found in the Excel Workbook located at:

<http://www.esd112.org/edtech/scp/documents/SummaryXTeacher.xls>

PRIMARY TEACHERS

Kelly:

Kelly developed experimental lessons in five subject areas: social studies, mathematics, spelling, science, and reading. She used the interactive whiteboard in all nine experimental lessons, the document camera in six, and the wireless response system in five.

- ◆ In seven of nine experimental lessons, **86%** or more of Kelly's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas. In four of the nine lessons, **100%** of students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In all nine lessons, **86%** or more of Kelly's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas. In four of the nine lessons, **100%** of Kelly's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Kelly's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Kelly.pdf>

Evelynne:

Evelynne developed experimental lessons in six subject areas: social studies, mathematics, spelling, science, language arts, and reading. She developed two lessons for an interdisciplinary unit. She used the interactive whiteboard in eight of nine experimental lessons, the document camera in four, and the wireless response system in three.

- ◆ In the seven experimental lessons for which data was available, **96%** or more of Evelynne's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas. In six of the lessons, **100%** of students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In six of the seven lessons for which data was available, **95%** or more of Evelynne's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas. In five of the seven lessons, **100%** of Evelynne's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Evelynne's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Evelynne.pdf>

Marie:

Marie developed experimental lessons in four subject areas: reading, social studies, mathematics, and science. She developed one general lesson. She used the interactive whiteboard in eight of the nine experimental lessons and the document camera in all nine. She did not develop an experimental lesson using the wireless response system.

- ◆ In the eight experimental lessons for which data was available, **83%** or more of Marie's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas. In one of the eight lessons, **100%** of students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In the eight lessons for which data was available, **79%** or more of Marie's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas. In five of the eight lessons, **100%** of Marie's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Marie's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Marie.pdf>

MIDDLE SCHOOL TEACHERS

Madlyn:

Madlyn developed experimental lessons in three social studies areas: Washington geography, Washington history, and U.S. history for 8th graders. She also developed one general lesson for all classes. She used the interactive whiteboard in all nine experimental lessons, the document camera in four, and the wireless response system in four.

- ◆ In six of nine experimental lessons, **78%** or more of Madlyn's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In seven of nine lessons, **75%** or more of Madlyn's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Madlyn's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Madlyn.pdf>

Lynn:

Lynn developed experimental lessons in five subject areas: social studies, mathematics, spelling, science, and language arts. In addition, she developed one general skills lesson and one for an interdisciplinary unit. She used the interactive whiteboard in all nine experimental lessons, the document camera in eight, and the wireless response system in three.

- ◆ In all nine experimental lessons, **89%** or more of Lynn's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas. In two of the nine lessons, **100%** of students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In all nine lessons, **85%** or more of Lynn's students reported that the

technology absolutely or mostly helped them understand the lesson ideas. In seven of the nine lessons, **96%** or more of Lynn's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.

- ◆ Download Lynn's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Lynn.pdf>

Dianne:

Dianne developed experimental lessons in four subject areas: geography, mathematics, science, and reading. As well, she developed one study skills lesson. She used the interactive whiteboard in all nine experimental lessons, the document camera in three, and the wireless response system in eight.

- ◆ In six of nine experimental lessons, **80%** or more of Dianne's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas. In one of these nine lessons, **100%** of students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In seven of nine lessons, **80%** or more of Dianne's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas. In two of these nine lessons, **100%** of Dianne's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Dianne's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Dianne.pdf>

HIGH SCHOOL TEACHERS

Tom:

Tom developed all of his experimental lessons for high school United States history. He used the interactive whiteboard in eight of the nine experimental lessons, the document camera in four, and the wireless response system in five.

- ◆ In six of nine experimental lessons, **78%** or more of Tom's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In six of nine lessons, **79%** or more of Tom's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Tom's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Tom.pdf>

Ann:

Ann developed experimental lessons for two mathematics classes: Algebra 2 and Pre Calculus. She also developed one general use lesson. She used the interactive whiteboard in all nine experimental lessons, the document camera in seven, and the wireless response system in eight.

- ◆ In six of the eight experimental lessons for which data was available, **71%** or more of Ann's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In seven of the lessons, **70%** or more of Ann's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas. In one of the eight lessons, **100%** of Ann's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Ann's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Ann.pdf>

Jodi:

Jodi developed experimental lessons in three courses: AP World History, AP World Literature, and AP U.S. History. As well, she developed one general skills lesson. She used the interactive whiteboard in eight of the nine experimental lessons, the document camera in three, and the wireless response system in five.

- ◆ In all of the nine experimental lessons, **80%** or more of Jodi's students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas. In eight of the nine lessons, **90%** or more of students reported that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas. In four of the nine lessons, **100%** of students indicated that the **instructional strategy** absolutely or mostly helped them understand the lesson ideas.
- ◆ In all of the nine lessons, **85%** or more of Jodi's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas. In three of the nine lessons, **100%** of Jodi's students reported that the **technology** absolutely or mostly helped them understand the lesson ideas.
- ◆ Download Jodi's case study at:
<http://www.esd112.org/edtech/scp/documents/SCPCaseStudy-Jodi.pdf>