Light Board Project for Modern School

Light board Studio

1.What is it?
The Lightboard is a glass presentation area filled with light. It's for recording video lectures. You face your viewers, and your writing and other presentation tools show up in front of you. (Photos 1-3)

2.How doe sit work?
You present while standing behind the glass and write your notes on the glass with neon markers.
The light from the light board picks up the neon and magnifies it so that it can be easily seen in the camera's lens.
The camera then records a mirror image of your writing so that your viewers can read what you have written on the board.

If you choose to use a presentation tool,such as PowerPoint, you will advance your slides as you progress through your presentation.

3.What are the key features?

The lightboard can be as high or low tech as you want to be. You can simply write your notes on the board, and describe the concepts, or illustrations, etc. If you choose to use some type of presentation software (PowerPoint, Prezi, etc.) that content displays on the light board just as it does on a screen. The light board works with both Macs and PCs.

Photo 1 (above) Kevin Scheibe
Information Systems. College of Business) shows a supply chain problemontheLightboard

Photo 2 (above) Kayla Sander, Senior Lecturer (Accounting, College of siness)uses PowerPoint as a guide for illustrating

4. What are the potential uses?

The light board can be used to support different course configurations such as flipped, blended, or fully online courses and/or labs. It can also be used to accommodate student or faculty absences from a course.

5. What are the implications for teaching and learning?

The Light board Studio provides faculty with opportunities to deliver meaningful lectures to their students before they enter the classroom. When they come to class, students can spend their time working on projects, discussing in groups, or asking follow-up questions about the online lectures.

In addition to this, many faculty members have commented that their students say that they feel more connected to them, even though they may never have been in the same room as their students. Light board lessons allow students to pause and rewind the videos when a concept is unclear or needs to be reviewed.
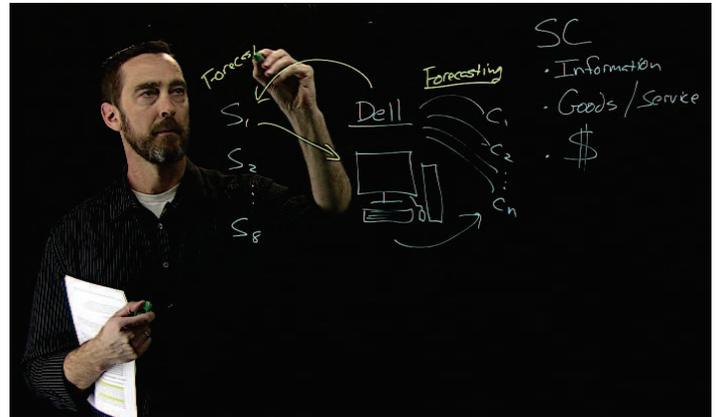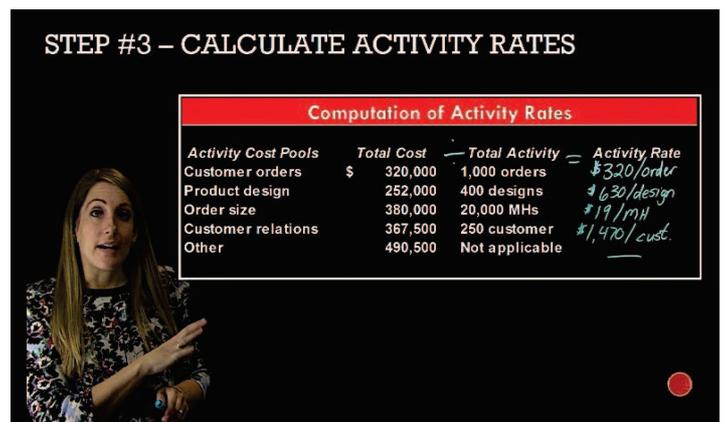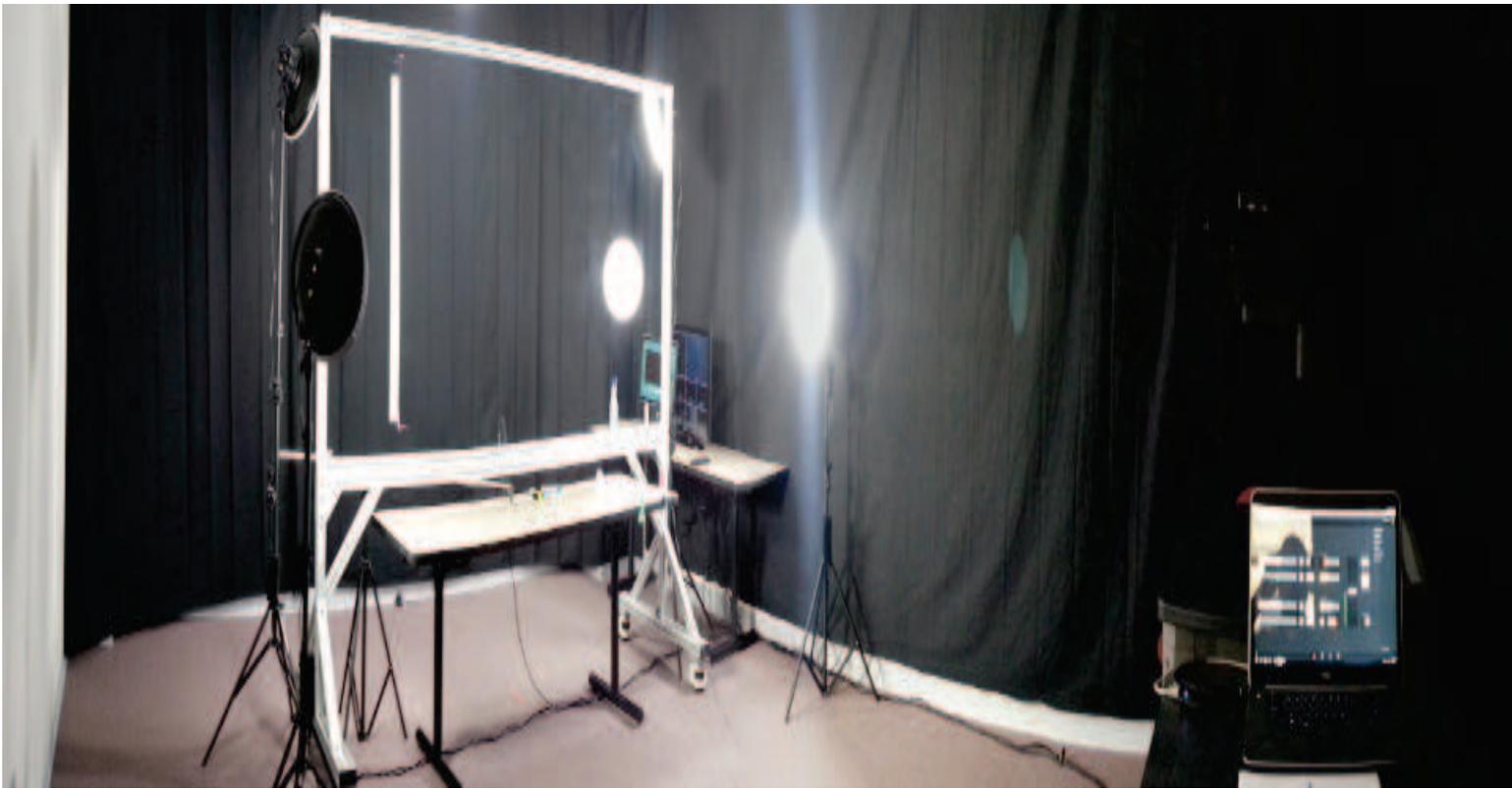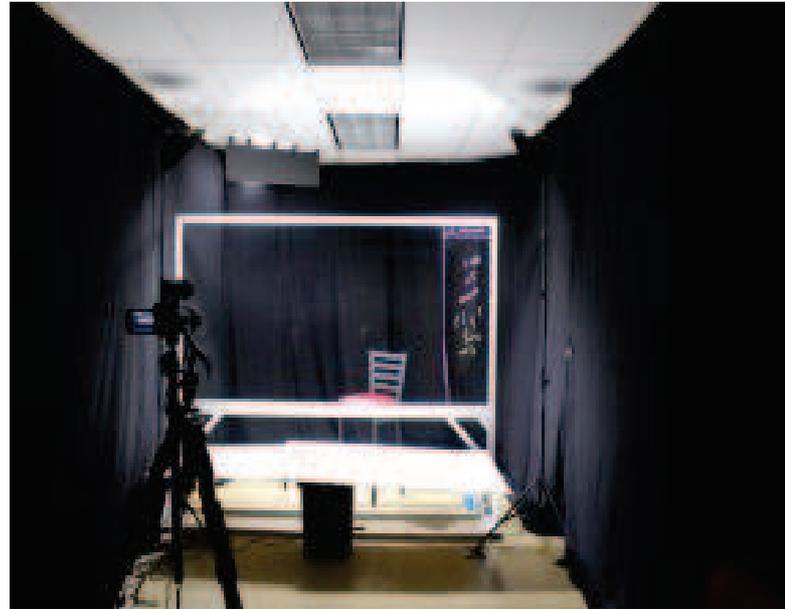
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6. What are Light board Studio best practices?

Video length: Videos should be less than 10 minutes (3-5 minutes is optimum) in order to maintain student interest.

• Creating multiple shorter videos, each associated with a specific concept is an effective way to "chunk content" for student learning.

• The Lightboard Studio provides opportunity to diagram or illustrate concepts that are difficult to describe with words alone.