

CCR Protocol #4 for Secondary Mathematics Teachers

Mathematical Modeling

Facilitator's Notes

There are 2 handouts to prepare for participants:

1. The PDF file contains the Powerpoint presentation: "Modeling – CCR Protocol 4 for Secondary Math".
2. The Word document (Truss Patterns task) is a mathematical task that participants will be asked to do after watching the presentation.

When you are ready to view the presentation, simply click on EITHER ONE of the following links below (or copy and paste it into the address bar of your web browser):

<http://tinyurl.com/secmathprotocol4>

or

<https://hvl.n.webex.com/hvl/n/ldr.php?AT=pb&SP=MC&rID=12732722&rKey=91b14b9b51d86c20>

Click the play button to start the video and let it run through to its completion (approximately 19 minutes). The end of the video provides instructions for what the participations should do after watching the video.

Agenda

Task	Suggested Time Frame
Watch the video of the presentation	20 minutes
Participants do the Truss Patterns task individually	5 minutes
Participants discuss how they could use this task (including modifying it to best fit their needs) in their classroom to engage students in mathematical modeling task.	5 minutes
Participants meet in grade level teams to identify content that they will be teaching some time during the next 2 months that can incorporate mathematical modeling activities. <ul style="list-style-type: none">• The team should commit to 1 topic/concept/unit that they will collaborate on to find and/or develop a learning opportunity that engages students in the mathematical modeling process.	15 minutes