Flipped classroom, flipp or flopp?

Inspiration day, MatRIC 2016
Helge Fredriksen
The concept of Flipped Classroom (FC)

- **Out-of-class:**
  Prepare using videos and quizzes

- **In-class:**
  Student-active learning

<table>
<thead>
<tr>
<th>Traditional</th>
<th>Flipped</th>
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<tbody>
<tr>
<td>Lecture</td>
<td>Lecture</td>
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<tr>
<td>Homework</td>
<td>Classroom activities</td>
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</tbody>
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What I have done so far

• Computer Engineering bachelor program, UiT – The Arctic University of Norway, Bodø department
• FC implemented in two math courses
• First paper accepted at CERME10!
• New one coming up to NORMA17
Data collection

Students discourses transcribed and coded according to Sfards commognitive terms
Experiment with SDSU

- 2 weeks start of term with Matt Voigt (PhD fellow) teaching according to FC principles
- Work to be continued! Targeting common paper on the data collected here.
- Visit in February