

The PRIME cycle in Practice

Delft University of Technology

45 courses

20.000 students

45 instructors

Why

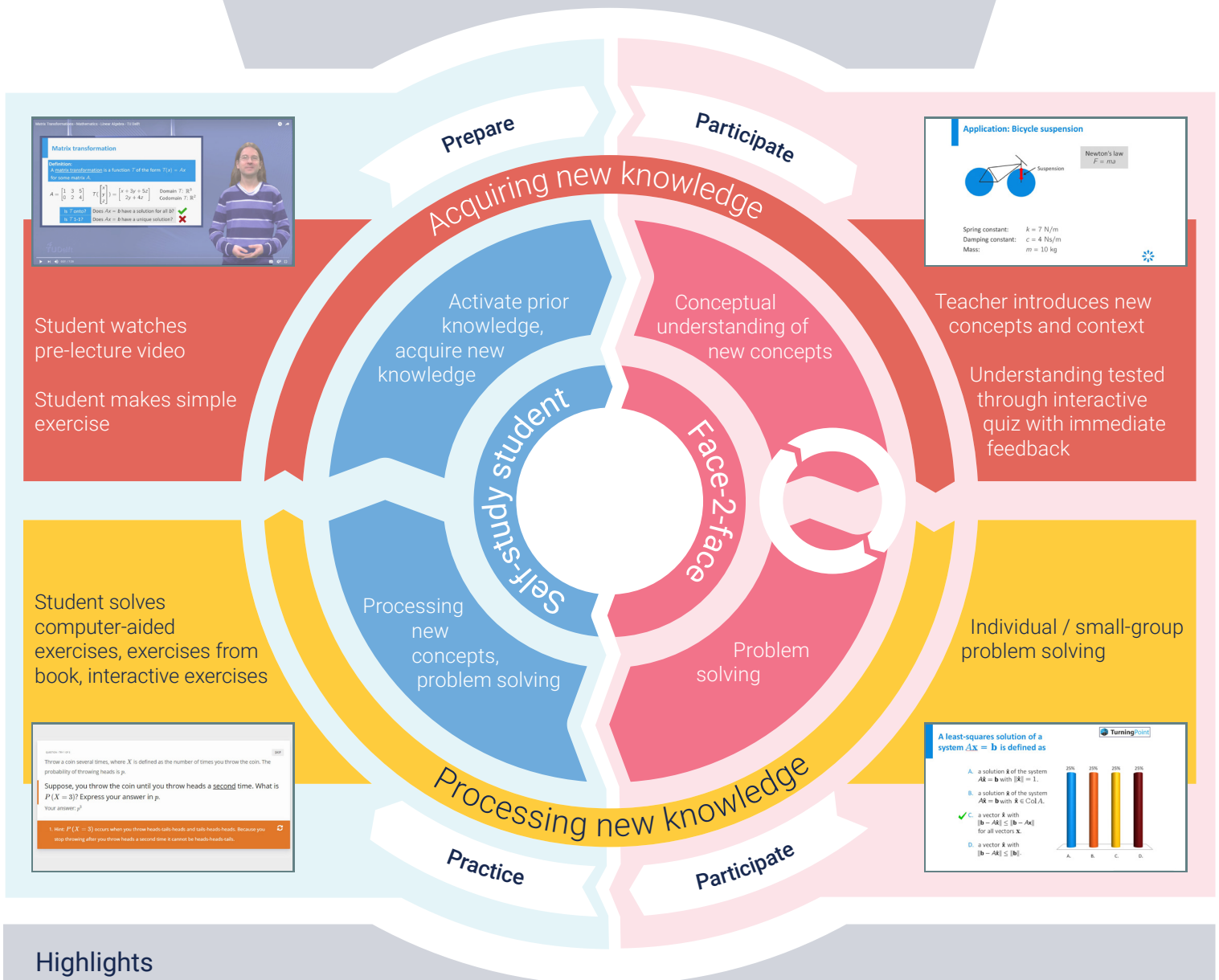
- Improve results
- Increase efficiency
- Transfer mathematical knowledge to other courses
- Better connect to today's students.

How

- Activation
- Conceptual understanding
- Feedback
- Contextual problems

The PRIME Cycle

Prepare Participate Practice



Highlights

Some highlights based on the observations and interviews with instructors and students:

Activation

- Students feel they are more active;
- Students experience a clear structure of the course.
- Lecturers see more active participation

Conceptual understanding

- More time for practice and interaction during lecture
- Concept map shows the relations between different topics.

Feedback

- Most students appreciate instant feedback from online exercises and polling questions;
- Students appreciate the small class size and time spent on exercises during the lectures.

Contextual problems

- Many students value the examples of applications. They would like to see more examples;
- The available context examples are sometimes too difficult or not realistic.