

## PLATINUM Teaching and Learning Units

One of the objectives of PLATINUM is development of a collection of teaching units that promote mathematics conceptual learning through an inquiry approach. These units are packaged and presented for use beyond the project phase of 2019-2021 by a wide international audience. Besides the development of inquiry-based teaching units and mathematical tasks, this packaging of units includes a blend of a wide range of digital and other resources to support lecturers and a synthesis of working models from the design in specific regular courses by documentation of the work.

Each PLATINUM teaching and learning unit is built around a mathematics topic, is designed for student inquiry, and is used in Higher Education (HE) classroom practice. PLATINUM units also serve as exemplary materials for mathematics lecturers and instructors in professionalisation programmes to experience inquiry based mathematics education (IBME) at university level and to inspire further development of IBME.

Documentation of a PLATINUM unit consists of

- Information for lecturers
- information about the learning activities
- the worksheets and files used in the classroom

The kind of information provided is described in more detail in the documentation guide of PLATINUM teaching and learning units.

Each PLATINUM partner has promised to deliver in the project phase of 2019-2021 at least two fully documented teaching and learning units.

In this repository, the PLATINUM units are grouped per partner institute:

- University of Agder, Norway
- University of Amsterdam, The Netherlands
- Masaryk University, Czech Republic
- Leibniz University Hannover, Germany
- Loughborough University, United Kingdom
- Complutense University of Madrid, Spain
- Brno University of Technology, , Czech Republic
- Borys Grinchenko Kyiv University