

## PRIMED 2019 Short-Course

### Module 1 Introduction and Outline

In Module 1 the focus is *using tasks to encourage active learning in courses for future teachers*. Tasks and activities in the module will introduce you to a concept known as **task-based learning** and illustrate how it can be used in courses for future teachers.

#### Module 1 Roadmap

**Purpose:** You will learn about task-based learning, what it looks like in the classroom for future teachers, and be introduced to how to implement it in your own classrooms.

#### PRIMED Principles Addressed:

- Integrating Math Knowledge for Teaching (MKT) *and* MKT for teaching Future Teachers (MKT-FT)
- Constructing MKT

#### Individual Preparation (read, reflect, write):

- 1.0.1 An Initial Reflection
- 1.0.2 Introduction to Constructivism
- 1.0.3 Math Learning Experiences of Future Teachers

#### Collaborative Activities and Tasks (view, read, reflect, discuss, write):

- 1.1 What is Task-Based Learning?
  - 1.1.2 Task-Based Learning in Action in Courses for Future Teachers
  - 1.1.2 Task-Based Learning in Elementary Classrooms
  - 1.1.3 Connections
- 1.2 Learning About a Teaching Theory
- 1.3 Experiencing Task-Based Learning and Extending It to Practice
- 1.4 Using Classroom Experiences to Build Our Own Knowledge for Teaching

#### Looking Back:

- End of Module 1 Reflection
- Module 1 Quiz

#### Looking Forward:

- Work completed in this module will be used in Lesson Experiments 1 and 2
- The thread of Mathematical Knowledge for Teaching will be picked up again in Module 3

**Approximate Time to Complete Module Tasks:** 110 minutes