

## 3 Structure of the sketchometry teaching modules

The concept of the “sketchometry teaching modules” – divided into the phases of constructing, exploring, handwritten documentation, discussing and presenting – is intended to promote independent work and inquiry-based learning. Students get a paper worksheet with assignments and use their tablet or smartphone as an electronic sketchpad. They write down their observations, discoveries and assumptions by hand on a result sheet or in a copybook.

Each teaching module is dedicated to a specific topic and consists of five components:

### 1. Information sheet for teachers

Prerequisites and objectives for the student worksheet

Notes on sketchometry: list of gestures needed for the worksheet

### 2. Student worksheet

Instructions for constructing

Instructions for exploration, experimentation and documentation

### 3. Result sheet

Pre-defined structure to support handwritten documentation of the results of the exploration and experimentation tasks

Space for individual notes and sketches

### 4. Exercise sheet

Tasks for practicing or deepening the topic of the student worksheet

Further tasks or additional topic suggestions

### 5. Video accompanying the student worksheet