

## Good practices

### Template for collecting the best practices of using Poly- Universe for Teacher training purposes / courses

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Description of the problem / exercise: **Good practice 43**

In order for students with disabilities to have the opportunity to practice combinatorics and orientation, teachers can use Poly-Universe and repeat the technique. Implementation of this Teaching techniques require students to repeat the sequence given as a model. For the first few times, the student arranges the figures according to the model, and then – if the student's abilities allow it – without observing the model. When adapting the teaching content to the student, the teacher can use only pictures, and can use a combination of pictures and words (depending on the student's abilities). One example is given in the picture below.

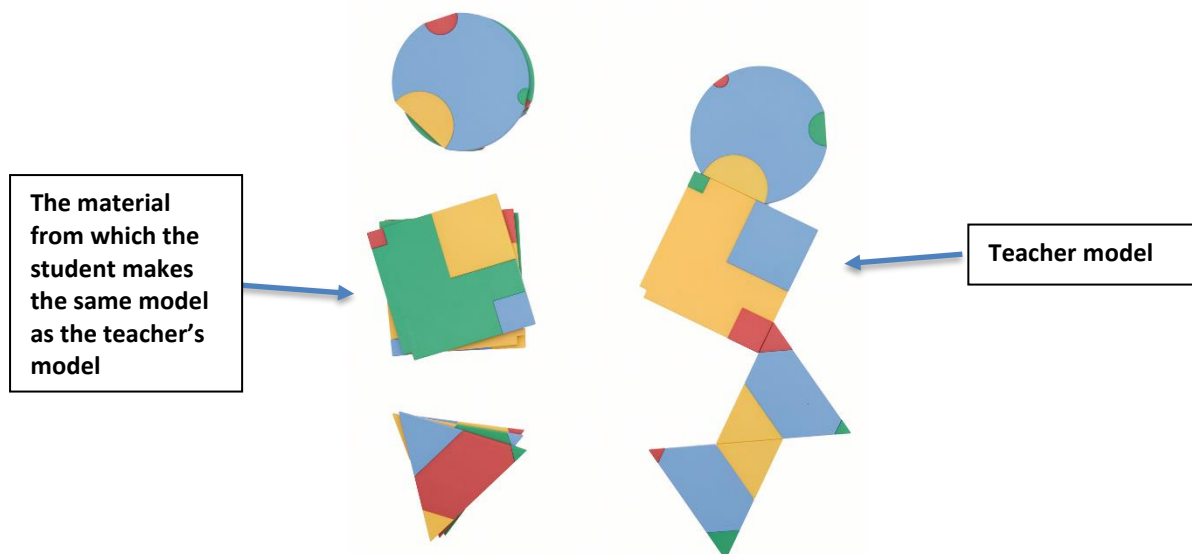


Figure 1

- *Why this exercise is good:* This exercise provides practical activities to the students with disabilities and contributes to their knowledge in recognizing the shapes around them, develops students' combinatorial abilities as well as their ability to notice details.
- *Level of teacher training:* Elementary school
- *School subject(s):* Math, art
- *Comments:* This exercise is dedicated to the students with cognitive disabilities, but with some modification could be usable for students with other disabilities as well. The

teacher should always first create a simple model and only after that more complex in accordance with the abilities of the students.