

## **Guided Instruction**

### **Description:**

Guided Instruction is a mathematics intervention based on the MASTER Training Program, which is a remedial program for multiplication and division. It is designed to allow the children to think independently and build on strategies that they already know, or that their peers use. It not only builds mathematical foundations, but also allows the children to engage with one another and act as tutors. The intervention contains an introductory phase, a group practice phase, and an individual practice phase. The main idea is that the teacher presents a problem and the children actively search for a possible solution.

### **Materials:**

- ❖ Math lessons based on division or multiplication.

### **Preparation:**

- ❖ Lessons need to be prepared before the assigned math time.

### **Steps in Implementing this Intervention:**

**Step 1:** Review the previous lesson learned (e.g. the day before, last week, etc.).

- ❖ What the children do and say in this phase is then taken as the starting point for the current lesson.

**Step 2:** The instructor states the topic of the lesson (ex. “we will now practice with the table of 6”).

**Step 3:** The instructor teaches no more. The discussion is then centered on the contributions of the children.

- ❖ The discussion should be focused on solution procedures and strategies.

**Step 4:** The children then work alone once strategies and solution procedures have been discussed.

- ❖ The instructor supports the learning process by asking questions and promoting discussion between the students.

### **Tips:**

- ❖ The instructor can encourage the discovery of new strategies by offering additional and/or more difficult problems.

### **Reference:**

Kroesbergen, E. H. & van Luit, J. E. H. (2002). Teaching multiplication to low math performers: Guided versus structured instruction. *Instructional Science*, 30(5), 361-378.