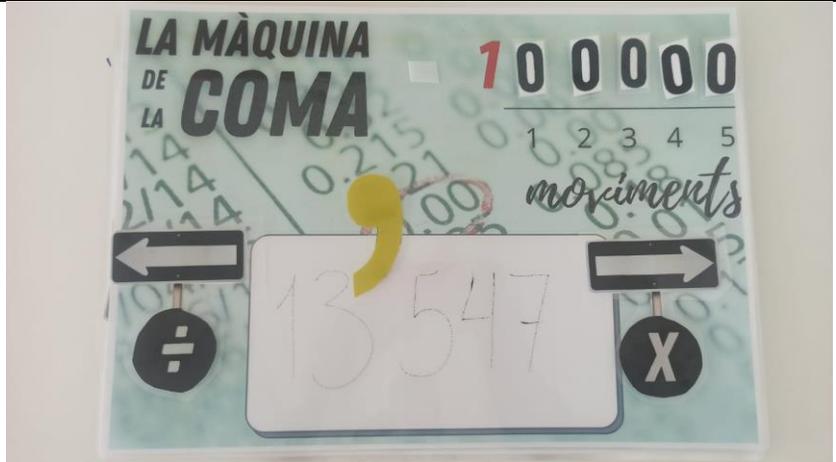


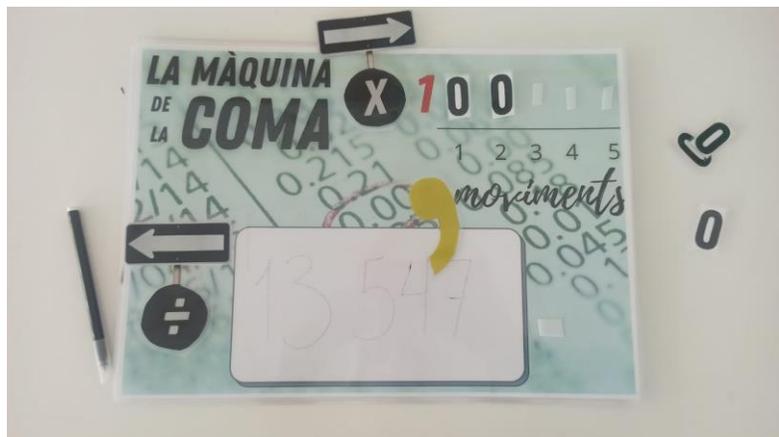


LESSON PLANS

Title	
Lesson plan to be implemented in Math class	
Aim	The main goal of this lesson plan is to learn in a manipulative way how to multiply and divide by 10/100/1000...
Students age targeted	10-12 years old, 5 th or 6 th grade
Estimated time	2 sessions
Topics covered	<ul style="list-style-type: none"> ● Decimals ● Operation with decimals (multiply and divide)
Facility/ Equipment	<ul style="list-style-type: none"> ● Classroom ● Internet access ● Projector ● White board
Tools/ Materials	<ul style="list-style-type: none"> ● Special manipulative card (The decimals machine) ● Materials to elaborate the machine
Development of activities	<p>Activity 1: Concept (explanation) (10')</p> <p>Number x 10/100/1000...</p> <p>Number : 10/100/1000...</p> <p>Activity 2: The decimals machine presentation and explanation (10')</p>



Activity 3: We practice with the students in the class (15')



Activity 4: Make the decimals machine (30')

Every student makes his/her decimals machine

Students can have the machine at the classroom to practice and



also They can use it at home to do their homework.

Students can do math problems using the machine. They learn the way to multiply and divide in a manipulative way. They have their own machine. They can decorate it as they prefer.

We respect the different learning rhythms.



HANDOUT 1: title



HANDOUT 2: title