



STEAMERs

# LESSON PLAN

Mathematics in my life

## Summary

<b>Date</b>		<b>Total duration</b>	90 minutes
<b>Subject</b>	Mathematics - My daily routine		
<b>Year Group or Grade Level</b>	5-6 years old		
<b>Main topic</b>	Familiarising children with the concepts: "smaller", "bigger", "equal" based on daily activities.		
<b>Subtopics or Key concepts</b>	<ul style="list-style-type: none"><li>• Developing the concepts of "less", "more", "the same amount"</li><li>• Recognition of fruit and vegetables</li><li>• Developing the concept of "the size of sets"</li></ul>		

## Learning Objectives

- developing an understanding of the concepts of "smaller", "bigger", "equal"
- developing ability to identify commonalities and differences
- improving of understanding of the concept of time
- developing the skills to prepare a healthy meal

## Material needed

- warm-up illustrations
- charts of the daily activities
- fruits, vegetables, cooking utensils
- worksheet

## Lesson Outline

	Duration	Guide	Remarks
warm-up	5 minutes	Picture gymnastics - the teacher shows the children pictures of the exercises they are supposed to do (standing on one leg, jumping jacks, squats, etc.) and the children do the exercises	
main activity	5 minutes	The teacher discusses with the children their daily routine, using different time perspectives: what they have already done today, what they are doing now, what they will be doing later.	
	15 minutes	<p>Discussing further topics:</p> <ul style="list-style-type: none"> <li>• Pointing out behaviours common for all the children.</li> <li>• Classifying illustrations of the daily activities into common and separate ones.</li> <li>• Comparing sizes of sets - "less", "more", "the same".</li> </ul>	List of exemplary daily behaviours: wake-up, morning toilet, breakfast, coming to kindergarten, second breakfast in the kindergarten, activities in kindergarten, lunch, children' play, evening toilet, dinner, sleep
	20 minutes	<p>Game of puns based on the illustrations from previous point with the daily activities - children turn the pictures upside down, mix them up.</p> <p>The teacher divides the children into two teams, one of the teams draws the picture and shows to the other team. The other team guesses, scoring points</p>	

## Lesson Outline

	Duration	Guide	Remarks
main activity	3 minutes	Final activities to practice the concepts of “more”, “less”, “the same”: Counting the scored points, determining the winning team.	
	30 minutes	Making a healthy meal together – classifying foods into fruit and vegetables, making two salads by two teams, tasting.	
assessment	10 minutes	Assessment or Evaluation	

## Assessment exercise

- Filling out the work sheet: test of understanding of the terms like “less”, “more”, “the same amount”; colouring sets according to the teacher’s instructions.

## Conclusions and recommendations

- After these activities, children are able to classify, count and assess the sizes of sets based on everyday activities.
- The children are also able to segregate fruit and vegetables and make a healthy meal.