

Mirror symmetry. Follow the leader.

Title	Mirror symmetry. Follow the leader.
Category	Sense of space. From 2D to 3D
Goal	<ul style="list-style-type: none">• Introduce the concept of mirror symmetry;• Enhance cooperation and creativity;
Age	3-12 grade
Activities & Instructions	<p>1. Teacher is standing in front of the class, facing the group. He then makes easy moves with his one arm, for example lifts it up. The group imitates what the leader does so that they move the opposite hand similar to the image in the mirror. The movements can become more complicated involving legs, change of position, movement to sides/backwards/forwards.</p> <p>The teacher then explains the concept of mirror symmetry, which imitates behaviour of a person and his image in the mirror.</p> <p>2. The class is divided into groups of 3 people. One is the leader and the others are following. In 35 minutes, the group changes the leader until everyone has been one. The activities may involve handing an object from the leader to one of the group.</p> <p>3. Performance part: every group chooses 3 best movement from the 3 rounds and perform them in front of the group.</p>
Materials	Music: Spiegel im spiegel arvo pärt
Source	Math dance - Dr. Schaffer and Mr. Stern