

Rotational symmetry. Follow the leader.

Title	Rotational symmetry. Follow the leader.
Category	Sense of space. From 2D to 3D
Goal	<ul style="list-style-type: none">• Introduce the concept of rotational 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 same hand, or in other words the followers are rotated versions of the leader. The teacher then explains the concept of rotational symmetry, which imitates behaviour of two people playing "patty cake". https://www.youtube.com/watch?v=PV8uB6sfmI8</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.</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