

Exploring pyramids

Title	Exploring pyramids
Category	Sense of space. From 2D to 3D
Goal	<ul style="list-style-type: none"> • Introduce the pyramid and its qualities in the space; • Enhance cooperation and creativity;
Age	3-12 grade
Activities & Instructions	<p>- Make a pyramid with fingers in pairs; The instructor demonstrates the shape in front of the whole group. Then each student receives 6 drinking straws and 4 connectors and constructs a tetrahedron. In pairs they make the same shape with their fingers. "Face your partner. Put your thumbs together to form a straight line. Put your second and third fingers away from you and open them wide like two pairs of scissors. On one of the two partners turn his hands sideways so his thumbs are pointing up and down. Join the tips of your 4 fingers to the tips of your 4 partner's fingers". Now the students in pairs "breathe in and breathe out" the shape made of their fingers.</p> <p>- Make a pyramid with bodies in groups of 4 or 6. Students are divided now in groups of 6. Their task is to make a tetrahedron with their bodies. Every team presents the shape to the other teams.</p>
Materials	Music: Spiegel im Spiegel Arvo Pärt
Source	Math dance - Dr. Schaffer and Mr. Stern