

Figures with strings

Title	Figures with strings
Category	Sense of space: from 2D to 3D
Goal	<ul style="list-style-type: none"> ● Enhance spatial visualization; ● Introduce the concept of graphs through a kinesthetic approach with a string; ● Improve cooperation and creativity;
Age	2-12 grade
Activities & Instructions	<ul style="list-style-type: none"> - Simple shapes with strings in groups of 4 and 5 triangle, rectangle, square; <p>Class divides into teams of 4-5 people and each team receives a rope of 2 m. with tied together ends. Now the team uses the rope to make all the basic shapes in the air parallel to the floor : triangle, rectangle, square, circle, hexagon.</p> <ul style="list-style-type: none"> - Transition from pentagon into pentagram; <p>Each team makes a pentagon using the rope. Their challenge now is to transfer the pentagon into a pentagram. Once they are ready, they show the process to the others.</p>
Materials	Strings or ropes, drinking straws, soft colourful connectors; Music: Air batucada
Source	Math dance - Dr. Schaffer and Mr. Stern