

LESSON SCENARIO

Subject	Maths
Topic	Tangrams
Objective	Students will: <ul style="list-style-type: none"> - explain what is Tangram - get to know the history of Tangram - get to know one of the legends about a Tangram - identify the shape of each Tangram (geometric shapes) - get to know the rules of Tangram puzzles - create different designs.
Age group	12 – 13 years
Time required	45 min
Methods	Individual work, work in pairs
Materials	PPT presentation, interactive board, paper Tangrams, scissors, glue, computers
Activities	<p>Introduction <i>Activity 1 – Introduction into the topic</i> T asks Ss if they know what is Tangram and then shows them big Tangram puzzles. T asks Ss what geometric shapes they know and gives them paper with pictures and names of different geometric shapes. Ss have to connect picture of each geometric shape with its name.</p> <p>Middle part <i>Activity 2 – PPT presentation about the Tangrams</i> Ss watch the PPT presentation and learn about the history and legend about a Tangram. T asks Ss to identify the shape of each Tangram. Ss observed two large triangles, one medium sized triangle, one square, two small triangles and one parallelogram. T introduces Ss with rules how to create different designs and shows them some ideas what they can put together.</p> <p><i>Activity 3 – Creating different designs</i></p>

	<p>T has prepared paper Tangrams for students. Ss have to cut it through the lines and then create different designs (animals, trees, houses, people, etc.) or they can create some own artworks which they will glue on one big paper.</p> <p>Ending Ss will play online Tangram games on computers.</p>
Differentiation	
Assessment, evaluation	<p>Heuristic talk</p> <p>Paper for evaluation of activities</p> <p>Conclusion Ss consolidate their knowledge of geometric shapes and they broaden their vocabulary. Ss understood all instructions, they were very creative and they enjoyed making their own artworks with geometric shapes.</p>