

MAYA ARCHITECTURE: Model workshop

THE MODEL AS A LEARNING TOOL	
<p>Archaeologist's workshop:</p> <p>Reproduction</p> <p>Age: 6-8 years</p> <p>Time: ~1h</p>	<p>Objective: Reproduce a building. Develop creativity, observation and perspective.</p> <p>Materials: White Styrofoam, toothpicks and liquid white glue.</p> <p>Tools: Color felt pens.</p> <p>Preparation: (1) Prepare a 3D drawing of a building composed of simple geometrical shapes. (2) Cut pieces of Styrofoam allowing the students to reproduce the building.</p> <p>Methodology:</p> <p>(1) The students first organize the pieces to make the different parts of the building.</p> <p>(2) They then assemble the pieces with glue or toothpicks.</p> <p>(3) They finish the model by drawing doors, windows and textures with felt pens.</p>
<p>Artist's workshop</p> <p>Creation</p> <p>Age: 9-12 years</p> <p>Time: ~2h</p>	<p>Objective: Create a model. Develop creativity, organization and dexterity. This level is suitable for the application of mathematical and artistic principles.</p> <p>Materials: Foamcore, liquid white glue, transparent tape, color cardboard, paper sheets.</p> <p>Tools: Scissors, color felt pens, pencils and rulers.</p> <p>Preparation: Cut the Styrofoam in pieces of various shapes and sizes. The students will have to compose with those shapes.</p> <p>Methodology:</p> <p>(1) The students first draw the building they want to build on a sheet of paper with a pencil to determine the number, shape and size of the pieces they need.</p> <p>(2) They then assemble the pieces with glue or tape.</p> <p>(3) They finish the model by drawing the doors, windows and textures with color cardboard and felt pens.</p> <p>Option: You can reduce the time of the workshop by asking the students to draw their building before coming in class.</p>

<p>Architect's workshop:</p> <p>Project</p> <p>Age: 13 years +</p> <p>Time: var.</p>	<p>Objective: Produce a model project. Develop creativity, planning and organization. This level is suitable for the application of physical and mathematical principles.</p> <p>Materials: Styrofoam or Foamcore, paper, liquid white glue and latex or acrylic paint.</p> <p>Tools: Knives, pencil or felt pen, ruler, brushes.</p> <p>Preparation: The preparation can be done at each stage of the project.</p> <p>Methodology: See Construction methods.</p> <p>Options: (1) This activity can take the form of a class project and would be ideal for an art class. (2) For the application of mathematical principles, the teacher can make the use of certain shapes compulsory to have the students apply specific formulas. (3) For the application of physical principles, the teacher can ask the students to determine the strengths and weaknesses of their construction. (4) This project can also be suitable for the production of an exhibition.</p>
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