

BEYON SCHOOL PROJECT

LESSON ACTIVITY PLAN DRAFT

ACTIVITY	Class 5a – “Carpet of my dream”
The aim of the activity	Learning the process of designing and manufacturing carpets and artificial grass.
Places where the event can be held	Carpet factory “Dywilan”
Age group for the activity	11-12 years old

A. BEFORE OUT-OF-SCHOOL LEARNING ACTIVITY	
Educational tools	Questionnaire.
Method, technique and strategies	Discussion, educational movie
PRACTICE	Educational video about building a loom, weaving carpets. Getting to know the profession of a designer, a weaver.
Introduction of the activity	Brainstorming - what are the stages of carpet production.
Development of the activity	Discussing the individual stages of carpet production, making a metaplan
Evaluation of the activity	Work card, chronological arrangement of production stages.

B. IN THE OUT-OF-SCHOOL LARNING ENVIRONMENT	
Educational tools	Workshops and visiting Carpet Factory
Method, technique and strategies	Visiting the factory building, learning about the history of the factory from 1881 to the present day. Getting to know the individual stages of carpet design and production, from thread to carpet.
PRACTICE	Demonstration of carpet weaving machines, taking part in the exchange of threads, visit to the carpet repair shop, looking for faults in the carpet, hemming. Watching a machine for the production of grass, calculate how long it takes to make 1 square meter of grass.

Introduction of the activity	Participation in a carpet and artificial grass weaving show
Development of the activity	The teacher divides the students into three groups and distributes the 6 objects that they have to put in order of use in the production of carpets
Evaluation of the activity	Questions after the meeting, matching the concepts to the stages of carpet production

C. AFTER OUT OF SCHOOL LEARNING ACTIVITY	
Educational tools	Art project at school
Method, technique and strategies	Designing a carpet using the tessellation technique, construction of a loom for weaving
PRACTICE	Preparation of materials for the construction of the loom: wood, nails. Designing congruent figures in GeoGebra
Introduction of the activity	Getting to know the concept of congruent figures and designing figures that can form a tessellation. Presentation of the stages of loom construction. An attempt to make designed carpets.
Development of the activity	Do-it-yourself tessellation on grid paper. Self-construction of the loom and weaving.
Evaluation of the activity	Questionnaire. Presentation of your designs of parquet flooring and carpet designs made on a loom. Classroom exhibition.

APPENDIX-1:

