

**BEYOND SCHOOL PROJECT
LESSON ACTIVITY PLAN**

ACTIVITY 4	HOW FABRIC IS MADE
The aim of the activity	Getting to know the process of fabric production, getting to know Łódź as an industrial city, consolidating knowledge about geometric figures, getting to know the profession of a clothing designer.
Places where the event can be held	Museum of the Factory – Manufactura Commercial Centre
Age group for the activity	6 - 8 years old

A. BEFORE OUT-OF-SCHOOL LEARNING ACTIVITY	
Educational tools	Questionnaire before going to the museum for workshops: "How fabric is made"
Method, technique and strategies	An educational film and a conversation about the use of geometric figures in everyday life.
PRACTICE	Mathematical games using geometric figures.
Introduction of the activity	Searching for geometric figures in the immediate vicinity.
Development of the activity	Comparing the shape of geometric figures to individual pieces of clothing, e.g. skirt-triangle, sleeves-sweatshirt-rectangle. A conversation about the process of making clothes, a discussion - how it happens that clothes go to the store, what the individual stages of creating clothes look like.
Evaluation of the activity	Worksheet - geometric figures.

B. IN THE OUT-OF-SCHOOL LARNING ENVIRONMENT	
Educational tools	Workshops at the Museum of the Factory

Method, technique and strategies	Visiting the Museum of the Factory a demonstration of the operation of machines - how old looms looked and worked, learning about the history of the Poznanski's Factory.
PRACTICE	Participation in art and technical workshops.
Introduction of the activity	Demonstration by the workshop leader of what a cotton flower looks like, how to create a thread by hand, and how to weave on a loom and decorate the fabric.
Development of the activity	Students created threads by hand, weaved them on small looms and decorated the received piece of fabric.
Evaluation of the activity	Quiz conducted by the workshop leader.

C. AFTER OUT OF SCHOOL LEARNING ACTIVITY

Educational tools	The workshop part taking place at school during the lesson, aimed at consolidating and expanding the acquired knowledge and skills.
Method, technique and strategies	Preparation of materials needed to complete the task. Cutting out geometric figures from colored paper and preparing scraps of materials.
PRACTICE	Making a preliminary design of clothes from geometric figures on cardboard.
Introduction of the activity	Based on educational films, a conversation about the work of a clothing designer, a discussion on how to prepare geometric figures from fabric based on a previously prepared project from colored cards.
Development of the activity	Self-design of clothes from pieces of fabric based on the initial design of clothes made of geometric figures.
Evaluation of the activity	Questionnaire

APPENDIX-1:

