



**BEYOND SCHOOL PROJECT**  
**LESSON ACTIVITY PLAN**

<b>ACTIVITY</b>	<b>Design Your Mattress</b>
<b>The aim of the activity</b>	Discovering that some materials are flexible and others non-flexible
<b>Places where the event can be held</b>	Yılmaz Mattress and Spring Factory
<b>Age group for the activity</b>	9-11

**A. BEFORE OUT-OF-SCHOOL LEARNING ACTIVITY**

<b>Educational tools</b>	Smartboard, dish sponge, play dough, balloon, helical spring and a ball
<b>Method, technique and strategies</b>	Observing, practising
<b>PRACTICE</b>	
<b>Introduction of the activity</b>	The teacher shows the students different objects and gives information about the effects of force on the objects.
<b>Development of the activity</b>	Students apply force to objects on the table with their hands. Students watch and follow the shape changes of the objects in their hands.
<b>Evaluation of the activity</b>	Students realise that some objects are flexible. When the force on them disappears, they see that the objects return to their original state.



### B. IN THE OUT-OF-SCHOOL LEARNING ENVIRONMENT

<b>Educational tools</b>	Fabrics, sponge and wire spools, sewing machines
<b>Method, technique and strategies</b>	Observing, watching ,practising,question-answer
<b>PRACTICE</b>	
<b>Introduction of the activity</b>	Students discover how spring, sponge and fabric combine to form a mattress.
<b>Development of the activity</b>	With the guidance of factory workers students learn how a mattress is produced.
<b>Evaluation of the activity</b>	Students have a chance to practise producing baby mattress with the help of workers. Following questions are asked: Is your bed comfortable or not? Why do you think so? Where did people used to sleep in? Have you ever slept on the floor? What makes our bed comfortable and soft? If there were no machines in this factory how long would it take to build a bed?

### C. AFTER OUT OF SCHOOL LEARNING ACTIVITY

<b>Educational tools</b>	A small sponge, colourful fabrics, needle and thread,toys
<b>Method, technique and strategies</b>	Practising,show and do
<b>PRACTICE</b>	
<b>Introduction of the activity</b>	Small mattress models are created by wrapping sponge pieces with fabrics.



<b>Development of the activity</b>	By using their sponges,fabrics,needles and thread students design their own baby mattresses.
<b>Evaluation of the activity</b>	At the end of the activity they explain to the class how they produced their mattresses and then by playing with dolls they have fun.

