**Activity Title:** Let's build a car **by Ayşe Beyza Ünlü - Turkey**



**Theme:** Cylinder systems **Month**: December

**Aim: Think like an engineer with what he has learned in cylinder systems. use materials correctly. Be able to cooperate with an adult. Uncover product with residual materials**

**Resources/Materials needed:** 2 pcs big pet bottle cap, 2 pcs small pet bottle cap, one pcs small pet bottle, 2 pcs wooden rods, scissors, adhesive, tape, 1 pcs balloon

**Activity:**

**Step 1:** **Introduction:** All materials are placed in front of children. 'what can we do with these?' he/she is asked. The questions and answers are continued until you find the answer to the car.

**Step 2:** The bottles are distributed to children, cut off, bottle caps punctured. Children are given instructions to assemble the pieces.

**Step 3:** The materials are combined by children in the right way as in the video.

**Video Link:** <https://www.youtube.com/watch?v=VrAsQxGuy1E>

**Step 4:** Children are asked the following questions:

1- How many roller materials have been used in this car?

2- What is the power supply that enables the car to advance?

3- What else could we use instead of a balloon?

**Step 5:** The teacher shoots a video of the children's uploads it to the twinspace.