



*Šiauliai Didzdvaris gymnasium*

# STEM PROFESSIONS IN THE COMPANY "PUTOKŠNIS"

2017-09-07

## ABOUT STEM ACTIVITY

The Second grade students of Siauliu Didzdvario gymnasium had a learning day in the company "Putoksnis" on 7th of September, 2017. This company is the leading PET forms and package materials manufacturer in the Baltic states. They support bottled water, beer, juice, soft drink, alcoholic beverage producers as well as other customers in 18 countries across Western, Central and Eastern Europe as well as Scandinavia and the CIS region.



## PET RECYCLING

Plastic recycling plays an essential role in the modern PET industry. In close cooperation with company suppliers and customers, they can offer PET preforms with recycled PET products. Recycled PET materials can be used in the production of new PET preforms and plastic bottles thus minimizing the industry's environmental impact. Already today 100% of their consumed energy is being produced from renewable resources.

## PART 1

During the first part of STEM career activities students got acquainted with PET manufacturer specialists: technologists, ecologists, technicians, chemists-engineers, programmers, designers and the projects manager. Students had a possibility to witness how PET forms were created and to follow bottle blowing processes.

## PART 2

During the second part of the visit specialists gave tasks for groups of students. According to the given scheme the students had to find and identify the type of the bottle, to calculate the production yield, to find out if it meets the quality requirements, and finally – to answer the questions given by the specialists of the company.

