

STEAM PROJECT: OUR BODY

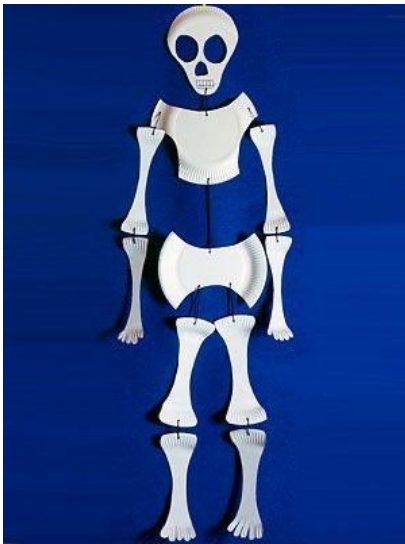
Structure, Brain, Lungs, Heart

The aim of the project: to explore the structure of the human body searching for answers how the human respiratory system works, what the structure of the lung, brain and heart is.

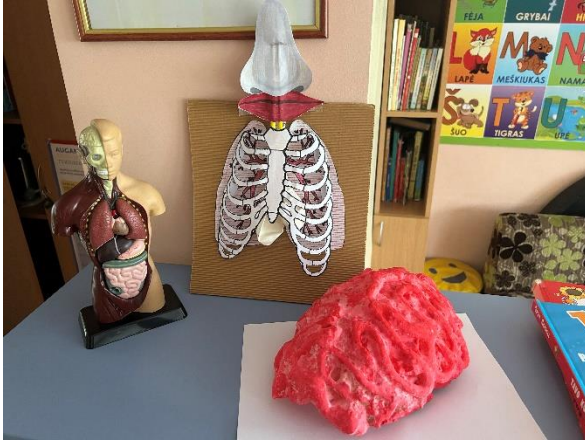
Project „Our Body “was intended for preschool children.

1. The human body is a skeleton. The children studied the parts of the human body that make up our bodies, what they are made of and what their purpose is.

They learned the basic names of bones that children of this age usually know and built skeletons using the names of the bones they learned. At this stage, the children were motivated to discuss, about the parts of the human body, and how health is necessary - how to strengthen and preserve your body.



2. Respiratory system - lungs. The children explored the airway lungs, how the lungs fill with air and how the diaphragm works. Using straws, balloons, and sticky tape, students made a model of lungs (Including bronchi, bronchioles, and alveoli), so they could measure the volume their lungs, and see what lung function looks like up close.



3. The brain is responsible for everything. The children looked at the model of the brain, studied what it looked like and what it was responsible for. It was explained how they should be stored, in what ways. Through experimentation and research, they produced models of brains. Children are more motivated when they can participate in the whole process and try and touch everything themselves.



4. The engine of the body is the heart. By researching and performing experiments, the children found out how the heart works, how it pumps blood throughout our body. During the experiments, they made a model of blood cells. He found out which side the heart is on and what it needs for our body.

