



Core Description: (Abstract)



Circumference.

In this activity children learn about the circumference and its calculation. They are going to do measurements and calculations. Use theoretical knowledge in practice engaging in a playful way of the task.

Progress:

Task: program the robot so it would successfully finish the track. For that we have to:

- Measure robot's wheel radius;
- Calculate circumference of a wheel;
- Program the robot;
- Calculate the rotations needed for robot to drive 70 centimetres of the road.

What type of resource is this?

Lego Education WEDO 2.0 core set

Picture:



Lego Education WEDO 2.0 core set and software.

<https://education.lego.com/en-us/products/lego-mindstorms-education-ev3-core-set-/5003400>

When children construct object, they can better understand knowledges or surrounded us wold. Scientists discovered, that our brain understand better, when we teach not only from books, but put knowledges in reality.

At first teacher tell story about object.

Second - children construct object.

It is possible to use this object in mathematics, language (to write description about it, create story).