



Core Description: (Abstract)

Gears. Speed and power.

In this activity children learn about movement, speed, power. Based on real examples children will learn about accelerating and slowing (power) transmission. Children solve movement tasks - itinerary, time, speed and calculate the average speed of the known path and movement time.

Progress:

Teacher introduce vehicles, describe variety of different kind of cars.
Children are building a truck model by instruction. The main task – understand speed and power by using gears.
This lesson can be used in mathematic.

What type of resource is this?

Lego Education WEDO 2.0 core set

Picture:

<https://drive.google.com/file/d/0B0LRSjRToeLzTzlfR0FocDdLZ2c/view>

Lego Education WEDO 2.0 core set and software. WEDO system requirements:
<https://education.lego.com/en-us/support/wedo-2/system-requirements>

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).