



## Core Description: (Abstract)



### Climbing to the highest mountains.

In this activity children learn about movement and power. Based on real examples children will learn about slowing (power) transmission. The children will create robot, which has four wheel drive system. Climbing with a robot is much easier with more driving wheels.

#### Progress:

Task:

- Create robot with four wheel drive system;
- Program the robot;
- The robot must climb in to the mountain of different slope.

#### What type of resource is this?

Lego Education MINDSTORMS  
Education NXT Core Set

#### Picture:

<https://drive.google.com/file/d/0B6hLRwvcVHDcaGRBZTg0cVk2X1k/view>



Lego Education MINDSTORMS Education EV3 Core Set and software or Lego Education MINDSTORMS NXT.

<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, geographic, language (to write description about it, create story).