



Background

General didactic background

This lesson is a draft of simple ideas that can be used to motivate the understanding of coordinate system.

Mathematical background

Students get an intuitive and real life understanding of the essence of the coordinate system.

The idea of teaching implementation

The lesson could best be presented to small groups of 10-16 years old children. The experimenting will likely be more successful out of regular school classes. The theme is appropriate for very young gifted children working in small groups. For the lesson to be presented to a whole class, several sets of robots and several teachers or assistants would be needed.