We get to the classroom,

the instructor explains the physical principles

of the model that we're going to build.

Each model begins with a short theoretical explanation

about what we are physically doing:

All the principles and the laws of nature applied in this model.

He shows us the model and lets us try it, feel it out.

They try it out, they observe, they touch, they play, they become curious.

The instructions basically look like this:

On the first page we see an exact copy of the wooden surface,

of all the pieces, numbered.

Each child receives a kit of rubber bands,

screws, syringes used in each model.

The children can use the numbers

to order the pieces in the instruction booklet.

Today, we are building a model access platform.

At first I thought it would be easy to build it.

But afterwards, when I received the instructions, I started to worry

that it wouldn’t turn out well, and things like that …

I have never built anything, and it's difficult.

I’m moving along, step-by-step,

and it is turning out well, from what I see.

It is turning out well, strong. Everything is good.

The emphasis is really on individual work,

they work alone, using the instructions,

working with their hands, with the tools.

With models, I really love the more practical work,

I am immersed in the work, and it really focuses me.

And I really love to see the finished model,

because I get satisfaction knowing that I really did it,

and it is in my hands.

Our job is essentially, that when the child does not succeed,

to inspire within him the desire to search, to understand the problem on his own,

and to fix it on his own.

This is called a hydraulic elevator,

because when you push forward, it rises.

It basically pushes back the scissor mechanism,

which raises the access platform,

and that is how we do it.

Once the students complete the model,

they are first and foremost very proud of themselves.

Feelings of fun, feelings of success.

Confidence, pride, things like that.

The children love it, connect with it,

and learn so much from it.

If new models come along,

I will definitely do many more of them.