Piloting survey

Welcome to the AutoSTEM piloting survey

About the children (Tell us a little about the children you work with, please).

How many children do you work with? _____

How old are the children? in years

The youngest one _____   The oldest one   _____

Did you participate in a half-day seminar about AutoSTEM?

(1) ❏ yes   (2) ❏ no

About the AutoSTEM workshop, seminar or training course
Tell us what you think about the AutoSTEM training after you tried the ideas with children

What do you think about the AutoSTEM training?
For the AutoSTEM workshop, seminar or training course. Please answer all items. For each item, please indicate how true the statement is for you.

	Not at all true	Not true	Partially true	Somewhat true	Quite true	True	Very true
I believe that this training could be of some value for me.	(1) ❏	(2) ❏	(3) ❏	(4) ❏	(5) ❏	(6) ❏	(7) ❏
I felt like I was enjoying the training while I was participating.	(1) ❏	(2) ❏	(3) ❏	(4) ❏	(5) ❏	(6) ❏	(7) ❏
I believe that this training is useful for working with STEM in kindergarten and/or primary school.	(1) ❏	(2) ❏	(3) ❏	(4) ❏	(5) ❏	(6) ❏	(7) ❏
This training was fun to do.	(1) ❏	(2) ❏	(3) ❏	(4) ❏	(5) ❏	(6) ❏	(7) ❏
I think this training was important for my professional development.	(1) ❏	(2) ❏	(3) ❏	(4) ❏	(5) ❏	(6) ❏	(7) ❏
I enjoyed this training very much.	(1) ❏	(2) ❏	(3) ❏	(4) ❏	(5) ❏	(6) ❏	(7) ❏
I think this is an important	(1) ❏	(2) ❏	(3) ❏	(4) ❏	(5) ❏	(6) ❏	(7) ❏

training.

I thought this was a very boring training.

(1) ☐ (2) ☐ (3) ☐ (4) ☐ (5) ☐ (6) ☐ (7) ☐

It is possible that this training could improve my pedagogical practice.

(1) ☐ (2) ☐ (3) ☐ (4) ☐ (5) ☐ (6) ☐ (7) ☐

I thought this was a very interesting training.

(1) ☐ (2) ☐ (3) ☐ (4) ☐ (5) ☐ (6) ☐ (7) ☐

Will you recommend this training to others?

(1) ☐ yes   (2) ☐ no

Should we change anything?

About using AutoSTEM in kindergarten, preschool or primary school
Tell us about your experience with using AutoSTEM with children, please.

Over what time period did you do your AutoSTEM project?

(1)   ☐   one day

(2)   ☐   less than a week

(3)   ☐   about one week

(4)   ☐   about two weeks

(5)   ☐   about three weeks

(6)   ☐   about a month

(7)   ☐   more than a month

Which automata did you use with the children in the workshop?

(1)   ☐   The jelly bird

(2)   ☐   The snapping crocodile

(3)   ☐   The stretching bunny

(4)   ☐   The always come back machine

(5)   ☐   The wind turbine race

(6)   ☐   The drawbridge

(7)   ☐   other: _____

How have the children worked with automata?
Tick whether none, some, or all the children used it.

	none	some	almost all	all
The children explored how automata work.	(1) ❑	(2) ❑	(3) ❑	(4) ❑
The children made their own automata by using the template.	(1) ❑	(2) ❑	(3) ❑	(4) ❑
The children created their own automata by using their fantasy.	(1) ❑	(2) ❑	(3) ❑	(4) ❑
The children played with automata.	(1) ❑	(2) ❑	(3) ❑	(4) ❑
The children are still playing with automata by themselves.	(1) ❑	(2) ❑	(3) ❑	(4) ❑
The children took initiative to make new automata by themselves after the project finished.	(1) ❑	(2) ❑	(3) ❑	(4) ❑

Have you related automata to a story?

(1) ❑ yes   (2) ❑ no

If yes, what story was used?

Which STEM content have you used?

(11) ❑ Mathematics: space

(12) ❑ Mathematics: numbers

(13) ❑ Mathematics: shapes

(14) ❑ Mathematics: measuring

(15) ❑ Mathematics: _____

(21) ❑ Physics: mechanics

(22) ❑ Physics: energy

(23) ❑ Physics: astronomy

(26)   ❑   Physics: _____

(31)   ❑   Biology: animals

(32)   ❑   Biology: plants

(33)   ❑   Biology: ecology, environment

(34)   ❑   Biology: humans

(35)   ❑   Biology: _____

(50)   ❑   other: _____

How have you worked with the jelly bird?[1]

How have you worked with the snapping crocodile?

How have you worked with the stretching bunny?

How have you worked with the always come back machine?

How have you worked with the wind turbine race?

How have you worked with the drawbridge?

What do you think the children thought about doing the AutoSTEM project?

For each of the following statements, please indicate how true the statement is for you.

	not at all true	not true	rather not true	somewhat true	rather true	true	very true
It was the children's choice to participate.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children are pretty good at this.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children found it very interesting.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
After doing this activity for awhile, the children felt pretty competent.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
Doing the activity was fun for the children.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children enjoyed doing the activity very much.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children did not really have a choice about doing the activity.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
This was an activity that the children couldn't do very well.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children thought the activity was very boring.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children felt that they were doing what they wanted during the activity.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children felt pretty skilled at doing this.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
The children had to do the activity.	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑
Doing this activity increased childrens motivation to learn	(1) ❑	(2) ❑	(3) ❑	(4) ❑	(5) ❑	(6) ❑	(7) ❑

about Stem.

The activity increased the
children's STEM learning.
(1) ❑   (2) ❑   (3) ❑   (4) ❑   (5) ❑   (6) ❑   (7) ❑

What did the children learn when doing the activity?

Which competences did children develop when doing the activity?

Is there anything else you would like to tell us? Suggestions for using the automata in class

Thank you very much for answering our questions.