

Release online 'Teach STEM'-assessment tool

The online assessment tool was presented at the last Artifex Multiplier Event in Kromeriz (Czech Republic) on 15 October. Furthermore, the workshops developed were looked at by our participating teachers.



Now we proudly present the online test to you! Visit <http://www.teachstem.eu> to discover your score. Choose your language at the top right to take the test.



TEACHERS & EDUCATORS



SELF-ASSESSMENT TOOL

If you have already used the TeachSTEM self-assessment tool and kept your unique personal code, you can enter it here and go directly to your previous results. Alternatively, you can go through the self-assessment process again. Perhaps you made progress since last time?

Let's check it out!

VIEW RESULTS

What is this about?

Artifex wants to provide feedback to teachers regarding their competences to support their students' learning in informal learning environments (an example of an informal learning environment is a fablab or a makerspace).

With Artifex we focus on teachers, learning and teacher training

The Big 7

We make a distinction between 7 competencies that support learning in fab labs and maker spaces:

- 1) problem solving
- 2) creativity
- 3) critical thinking
- 4) group work and collaboration
- 5) entrepreneurship
- 6) technology usage
- 7) teaching in informal learning environments

Through this assessment we generate insight into the score of the teacher on the above competences.

I have confidence in how to...

Teach students about problem-solving

strongly disagree disagree agree strongly agree

Use activities in teaching stimulating students' creativity

strongly disagree disagree agree strongly agree

Teach students about critical and analytical thinking

strongly disagree disagree agree strongly agree

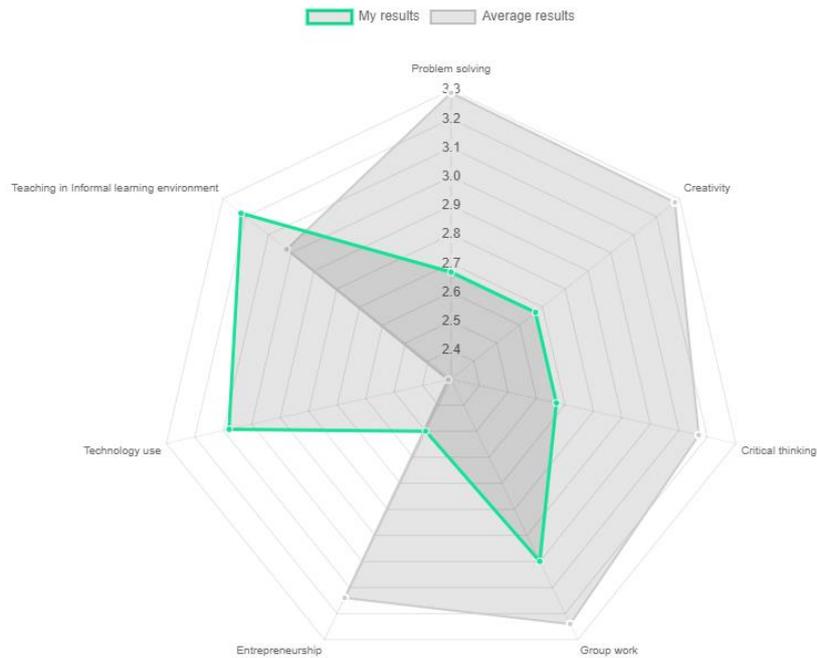
Use activities in which students work in groups

strongly disagree disagree agree strongly agree

Provide students with tasks that have no right answer

strongly disagree disagree agree strongly agree

Promote students' thinking when it is 'out of the box'



Scoring self-efficacy:

	My results	Average results*
Problem solving	2.67	3.29
Creativity	2.67	3.28
Critical thinking	2.67	3.17
Group work	3.00	3.24
Entrepreneurship	2.50	3.14
Technology use	3.08	2.31
- of teacher	3.50	2.15
- stimulating students' use	2.88	2.40
Teaching in Informal learning environment	3.22	3.02

* Average results from 381 self-assessments

What's next?

The teacher can then choose two competencies in which he / she wants to improve himself and then the website will propose a workshop with which teachers can strengthen themselves in the chosen competences and build up more self-confidence.

The workshops are all finished, but currently the web developers are still working to link the assessment to the workshops. Keep an eye on this channel for the release of this new option.