

SCHOOL OF CREATIVE SOLUTIONS

To meet future challenges, young people must learn to solve problems for which there are no ready-made strategies. Let's use the potential of youth and turn school into a place of creative solutions.

THE VISION

„School of Creative Solutions“ ...

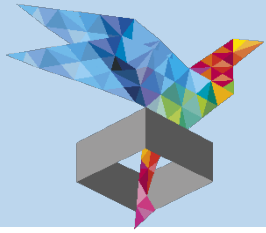
- ✓ educates students who look forward to the future with confidence.
- ✓ has teachers in its ranks who take on current challenges with student teams.
- ✓ is a think tank for innovative solutions and is in exchange with the S.C.S. school network.



OUR GOALS

„School of Creative Solutions“ ...

- ✓ increases the creative problem-solving skills of young people and teachers.
- ✓ establishes creative spaces for action and solutions in her school.
- ✓ implements innovative ideas in the focus of the Sustainable Development Goals.
- ✓ offers Creative4Science courses for their students.



SCHOOL OF CREATIVE SOLUTIONS

THE S.C.S.-CERTIFICATE

THE WAY

The path to the School of Creative Solutions leads through **2 training modules**:

Module-1: University course
"flex-based Learning"

Module-2: University course
"innovative problem solving"

Both modules can also be attended independently of each other.



CRITERIA

- ✓ Teachers who have completed the flex-based learning and innovative problem solving module teach at the school.
- ✓ Conduct STEM projects with innovative problem solving at regular intervals.
- ✓ Making the projects visible in the school area (school homepage, etc.) as well as on the S.C.S. homepage.
- ✓ The certificate is valid for 3 years and can then be re-applied for.

THE TARGET GROUP

Teachers,

- ✓ who teach biology, chemistry, computer science, mathematics or physics at secondary level I.
- ✓ ... who want to teach in an innovative and competence-oriented way.
- ✓ ... who want to teach their young people creative problem solving with new teaching techniques.
- ✓ ... who want to carry out exciting and interesting experiments.
- ✓ ... who would like to become part of a nationwide community.



OUR CONTENTS

- Didactic concepts for the diagnosis and promotion of creative problem-solving competence
- Concrete teaching techniques and experiments for science lessons
- Techniques to strengthen team processes and self-efficacy

ORGANISATIONAL

- Course with 9 ECTS in two semesters
- Alternating input and implementation phases
- Presence and online appointments
- Year-round support in implementing the new techniques in their own teaching

REGISTRATION

01 May 2023 until 18 June 2023

For questions or registration please mail to:

wolfgang.aschauer@ph-ooe.at

TIMELINE

Input-Phase 1	Mon. 25.09.2023	15:00 – 17:30 Online
	Mon. 02.10.2023	15:00 – 17:30 Online
	Mon. 09.10.2023	09:30 – 20:30 Presence
	Tue. 10.10.2023	09:00 – 13:00 Presence

Implementation 1	winter semester 2023/2024	
1. Reflection meeting	Mon. 20.11.2023	15:00 – 18:00 Online
2. Reflection meeting	Mon. 04.12.2023	15:00 – 18:00 Online

Input-Phase 2	Mon. 15.01.2024	15:00 – 17:30 Online
	Mon. 22.01.2024	15:00 – 17:30 Online
	Mon. 29.01.2024	09:30 – 20:30 Presence
	Tue. 30.01.2024	09:00 – 13:00 Presence

Implementation 2	summer semester 2024	
3. Reflection meeting	Mon. 18.03.2024	15:00 – 18:00 Online
4. Reflection meeting	Mon. 15.04.2024	15:00 – 18:00 Online

Degree	Mon. 17.06.2024	09:00 – 16:30 Presence
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DESCRIPTION

The course includes both face-to-face workshops (at the Upper Austrian University of Teacher Education) and online meetings (Zoom).

Input phases

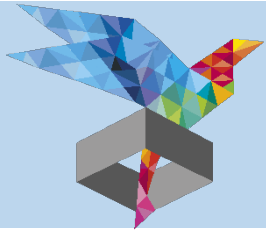
The two input phases take place in autumn and spring. Central elements are:

- ✓ e-lectures with reflection phases (Online)
- ✓ Workshops (presence and online)

Implementation phase

The implementation phases in the winter and summer semesters include the following elements:

- ✓ Use flex-techniques in your own teaching
- ✓ Reflections on the experience gained



University course "Innovative Problem Solving"

School as a think tank for creative solutions

THE TARGET GROUP

Teachers, ...

- ✓ ... of all subjects in lower and upper secondary education as well as middle management
- ✓ ... who are interested in creativity techniques to develop innovative ideas professionally.
- ✓ ... who enjoy taking on STEM challenges at school.
- ✓ ... who want to know how to plan and implement creative projects with young people.
- ✓ ... who are committed to the "Sustainable Development Goals".



OUR CONTENTS

- Creativity techniques
 - Morphological box
 - Irritant word associations
 - Bisociation
 - Passla technique
- Creative project management
 - Design Thinking
 - Dragon Dreaming

ORGANISATIONAL

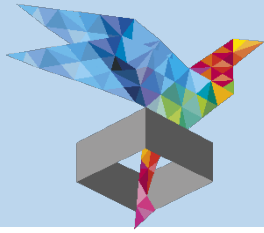
- Course with 9 ECTS in two semesters
- Presence and online appointments
- Year-round support in implementing the new techniques in their own teaching

REGISTRATION

01. May 2023 bis 18. Juni 2023

For questions or registration please mail to:

kurt.haim@ph-ooe.at



University course "Innovative Problem Solving"

TIMELINE

1. Presence-Phase Health Resort Lebensquell Bad Zell	Do. 21.09.23	09:30 – 21:30
	Fr. 22.09.23	09:00 – 21:30
	Sa. 23.09.23	09:00 – 12:30

Reflection meeting (online)	Do. 19.10.23	14:30 – 17:30
	Do. 30.11.23	14:30 – 17:30

2. Presence-Phase Health Resort Lebensquell Bad Zell	Do. 29.02.24	09:30 – 21:30
	Fr. 01.03.24	09:00 – 21:30
	Sa. 02.03.24	09:00 – 12:30

Reflection meeting (online)	Do. 04.04.24	14:30 – 16:00
	Do. 09.05.24	14:30 – 16:00

Action day at school	April 2024	08:00 – 12:30
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Degree (hybrid)	Mo. 17.06.24	09:00 – 16:30
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Creative⁴Future-Courses

For the implementation of the course content with student teams, we recommend holding a course lasting several weeks.



GEMMMA Challenge

Selected school teams are introduced to the world of social entrepreneurship and supported in the implementation of their projects.

Milestones

- ✓ Young people learn proven creativity techniques.
- ✓ Student teams choose a project for their problem solving
- ✓ A prototype is created using design thinking.
- ✓ Presentation of the prototypes
- ✓ Optional implementation of solution ideas in cooperations