



Developing Wellbeing skills in the classroom: The PEAS project: Positive Education Actions in Schools

Sara Benini Jenny Marcionetti Elena Lucciarini





Programma internazionale

- 1. Today's teachers have to promote wellbeing competencies in their classrooms but do not have, so far, the knowledge nor adequate materials to do so.
- 2. A large body of research suggests that wellbeing and cognition go hand in hand and that school is the right place where to develop wellbeing competences along with academic skills.
 - 3. Very few teacher-training universities work on implicit and explicit wellbeing competences even though they appear to be among the most needed ones on the field.
 - 4. To enhance partnership between different educational and linguistic contexts.



1. Today's teachers have to promote wellbeing competencies in their classrooms but do not have, so far, the knowledge nor adequate materials to do so.



Panoramica del piano di studio

Cicli, discipline, competenze trasversali, formazione generale. La Panoramica del piano per una rapida consultazione.

Aree disciplinari

Competenze trasversali

Formazione generale

Cicli, discipline, competenze trasversali costituiscono un insieme di caratteristiche personali che si attivano in diversi contesti dell'apprendimen essenziali per operare la trasformazione delle conoscenze in un comportamento.



<u>Scopri di più</u> →



Competenze trasversali

rasversali Plan d'instrucziun Piano di studio

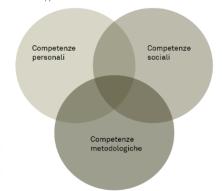
Introduzione

Competenze personali, sociali e metodologiche

on Positive Psychology

Le competenze trasversali sono fondamentali per affrontare con successo la vita. Nel Piano di studio 21 si distingue tra competenze personali, sociali e metodologiche; esse sono orientate al contesto scolastico. È difficile separare nettamente tra loro le singole competenze personali, sociali e metodologiche, esse infatti in parte si sovrappongono.

Illustrazione 2: Competenze personali, sociali e metodologiche e le loro sovrapposizioni



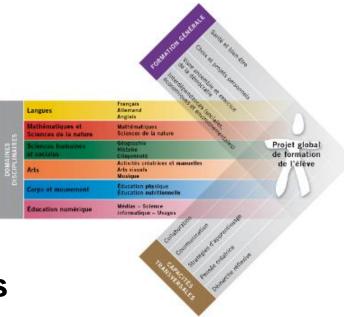
Self-development / Self-knowledge
Communication
Collaboration
Creative thinking
Reflective and critical thinking
Learning strategies



Contenu et objectifs

Ce plan d'études recense un ensemble de connaissances et de compétences dont le développement est attendu chez tous les élèves de la scolarité obligatoire, ensemble réparti en trois entrées. Depuis 2021, avec l'arrivée de l'Education numérique comme nouveau domaine disciplinaire, ces entrées sont les suivantes:

- Six domaines disciplinaires (Langues, Mathématiques & Sciences de la nature, Sciences humaines et sociales, Arts, Corps & Mouvement, Education numérique);
- Formation générale (Santé et bien-être, Choix et projets personnels, Vivre ensemble et exercice de la démocratie, Interdépendances);
- Capacités transversales (Collaboration, Communication, Stratégies d'apprentissage, Pensée créatrice, Démarche réflexive)



Swiss Study Plans

- 1. Today's teachers have to promote wellbeing competencies in their classrooms but do not have, so far, the knowledge nor adequate materials to do so.
- 2. A large body of research suggests that wellbeing and cognition go hand in hand and that school is the right place where to develop wellbeing competences along with academic skills.



The first meta-analysis of 213 school-based, universal social and emotional learning (SEL) programs involving 270,034 kindergarten through high school students showed that compared to controls, SEL participants demonstrated significantly improved social and emotional skills, attitudes, behavior, and academic performance that reflected an 11-percentile-point gain in achievement (Durlak et al., 2011).

Learning to regulate emotions impacts academic readiness and results (Cavadini et al., 2021; Denervaud et al., 2017).



Table 1: Meta-Analyses of Social and Emotional Learning (SEL) Outcomes at Post-Test

			Effect Size of Outcomes Measured				
Authors (by publication date)	Number of Studies	Education Level Studied	SEL Skills	Positive Social Behaviors	Reduced Conduct Problems	Reduced Emotional Distress	Academic Performance
Durlak et al., 2011	213	K-12	0.57*	0.24*	0.22*	0.24*	0.27*
Sklad et al., 2012	75	K-12	0.23*	0.13*	0.20*	0.10*	0.26*
Wiglesworth et al., 2016 b	85	PreK-12	0.53*	0.33*	0.28*	0.19*	0.28*
Boncu et al., 2017	37	PreK-12	0.36*	0.20*		0.17*	
Yang et al., 2019	29	PreK (children from low-income families)		0.24*	0.15*		
Blewitt et al., 2018	63	PreK-K	0.30*	0.24*	0.19*		0.18*
Corcoran et al., 2018	40	PreK-12	0.30*	0.24*	0.19*		Reading 0.25* Math 0.26*
Goldberg et al., 2019	45	K-12 (whole-school approaches)		0.22*	0.13	0.10*	0.19
van de Sande et al., 2019	40	Secondary	0.24* to 0.58*		0.33*	0.31*	
Murano et al., 2020	48	PreK	0.34*		0.32*		
Mertens et al., 2020	104	Secondary			0.15*	0.19*	
Luo et al., 2022	33	PreK	0.42		0.31		

a 63% of studies assessed outcomes at post-test only (within 6 months of the end of intervention).

Note: * is p < 0.05

Source: Learning Policy Institute. (2023).

 $^{^{\}mathrm{b}}$ 73% of studies assessed outcomes at post-test only (within 6 months of the end of intervention).

Changes in teacher strengths-spotting (the identification and subsequent explanation of character strengths identified in others) permitted to explain students improved classroom engagement, positive affect, and needs satisfaction after a strengths intervention (Quinlan et al., 2019).

Moreover, according to the meta-analysis of Schutte & Malouff (2019):

- Across nine studies, signature character-strength interventions had a significant positive impact on positive affect or happiness, g = 0.32 (SE = 0.10, 95% CI [0.12, 0.51], p = .002).
- Across seven studies, signature character-strength interventions had a significant impact on **decreases in depression**, g = 0.21 (SE = 0.04, 95% CI [0.08, 0.34], p = .001).
- Across seven samples, signature character-strength interventions had a significant impact on **life satisfaction**, g = 0.42 (SE = 0.15, 95% CI [0.14, 0.71], p = .004).
- Across two studies, signature character-strength interventions did not have a significant impact on negative affect, g = 1.53 (SE = 1.45, 95% CI [-1.32, 4.38], p = .29).
- Across two studies, signature character-strength interventions had a significant positive impact on flourishing, g = 0.36 (SE = 0.17, 95% CI [0.03, 0.69], p = .03).
- Across two studies, signature character-strength interventions had a significant impact on increases in use of strengths, g = 0.55 (SE = 0.16, 95% CI [0.03, 0.87], p = .001).



- 1. Today's teachers have to promote wellbeing competencies in their classrooms but do not have, so far, the knowledge nor adequate materials to do so.
- 2. A large body of research suggests that wellbeing and cognition go hand in hand and that school is the right place where to develop wellbeing competences along with academic skills.
 - 3. Very few teacher-training universities work on implicit and explicit wellbeing competences even though they appear to be among the most needed ones on the field.



The SAFE recommended practices for skill development (Durlak et al., 2011)

- a) The program use a connected and coordinated set of activities to achieve the objectives relative to skill development (**Sequenced**);
- b) The program use active forms of learning to help youth learn new skills (Active);
- c) The program have at least one component devoted to developing personal or social skills (**Focused**);
- d) The program target specific skills that are clearly identified, taught, and practiced, rather than targeting skills or positive development in general terms (**Explicit**).
- → In Durlak et al. (2011) metanalysis programs following the SAFE criteria produced significant effects for the six considered outcomes (i.e., SEL skills, attitudes, positive social behavior, conduct problems, emotional distress, and academic performance) whereas programs not coded as SAFE achieved significant effects in only three areas (i.e., attitudes, conduct problems, and academic performance).



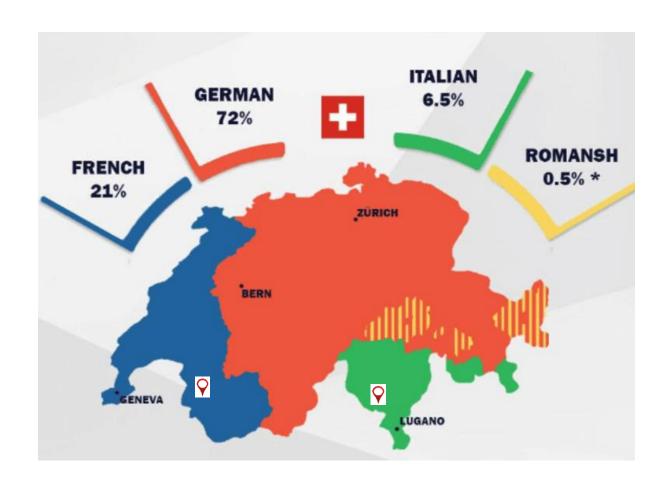
- → In Durlak et al. (2011) metanalysis programs conducted by teachers were effective in <u>all six</u> outcome categories (i.e., SEL skills, attitudes, positive social behavior, conduct problems, emotional distress, academic performance).
- → Multicomponent programs (teacher-administered classroom interventions + parent component / schoolwide initiatives) were effective in <u>four</u> outcome categories (i.e., attitudes, conduct problems, emotional distress, academic performance).
- → Classroom programs delivered by **non-school personnel** (e.g., university researchers or outside consultants) produced only <u>three</u> significant outcomes (i.e., SEL skills, prosocial attitudes, conduct problems).
- → Student academic performance significantly improved only when school personnel conducted the intervention.



- 1. Today's teachers have to promote wellbeing competencies in their classrooms but do not have, so far, the knowledge nor adequate materials to do so.
- 2. A large body of research suggests that wellbeing and cognition go hand in hand and that school is the right place where to develop wellbeing competences along with academic skills.
 - 3. Very few teacher-training universities work on implicit and explicit wellbeing competences even though they appear to be among the most needed ones on the field.
 - 4. To enhance partnership between different educational and linguistic contexts.



The Swiss context: different languages and educational contexts... and UEL









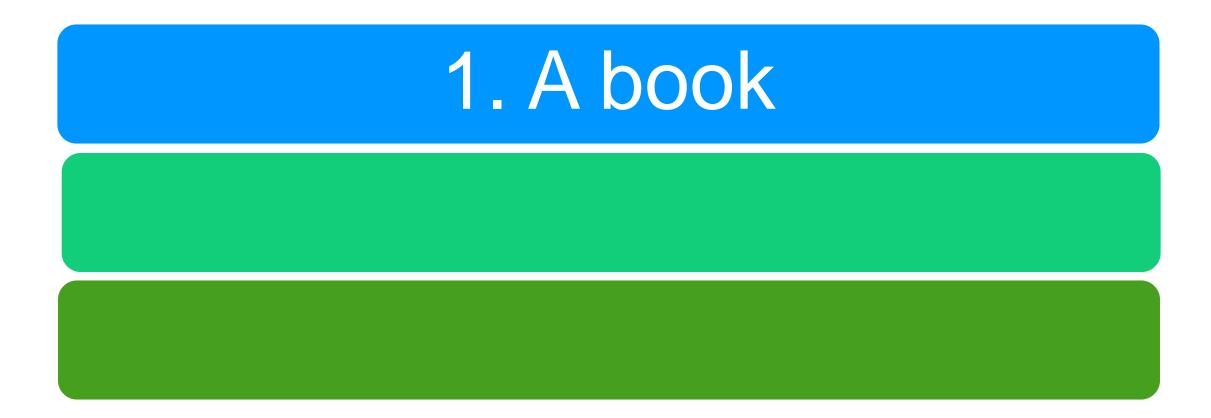


1. A book

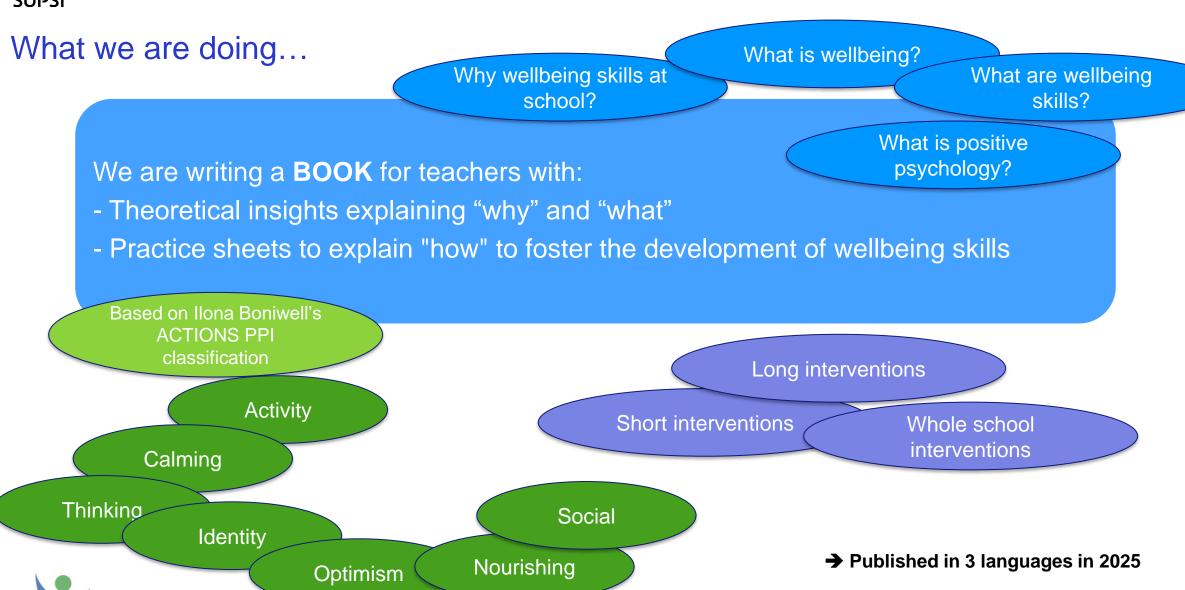
2. A web platform

3. A certificate of advanced studies

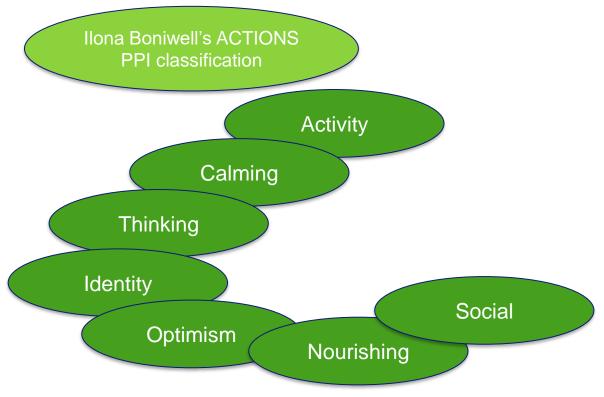








	Name	Key elements
A	Activity	Movement
		Physical activity
		Indoor and outdoor sport
C	Calming	Stillness
		Mindfulness
		Nature
		Breathing
		Meditation
T	Thinking	Interventions about the past
		Assimilating past events or behaviours
		Reflecting, making sense of the past
		Adopting a kind attitude towards our past
		Acceptance of what happened
		Resilience
I	Identity	Character strengths
		Skills
		Values
O	Optimising	Interventions about future
		Fixing goals
		Looking positively towards the future
		Developing optimism
		Eudaimonic wellbeing
N	Nourishing	Savouring
		Arts and crafts
		Reading
		Taking care of ourselves
		Soothing
S	Social	Positive relationships (friends, family)
		Prosocial behaviour
		Teamwork
		Communication
		Enhancing social skills
		Developing self-compassion and kindness





Examples of interventions

THINKING

There are two types of mindsets: growth and fixed. We can go from a fixed mindset to a growth one. Mindsets are a way to see the world, like glasses really. We all wear them. Research tells us that if you have a growth mindset, you are happier and more performant at school! First trick: when you can't do something, say to yourself that you can't do it YET. Indeed, brain changes and learns all the time! Now, try to find a new way for saying these sentences in a growth mindset way:

- 1. I'm not good at this
- 2. I give up
- 3. It's good enough
- 4. I can't make this any better
- This is too hard
- 6. I made a mistake
- 7. My friend can do it but I cannot. I'll never be as smart.
- 8. I'm awesome at this!

There are two different difficulties levels to this exercise. If it's too easy (or you want to do It a second time) ask for a harder one!

Note: there is a great TEDx on "the power of yet" by Carol Dweck on Youtube! (you can find it here: LINK).

Dweck, 2006



OPTIMISM

Today's objective is to learn how to formulate effective and achievable goals using the SMART criteria, which help organize time and efforts for success in various life aspects.

Initial goal setting: Consider a goal related to academics, personal development, or a hobby. Write it down.

Refine your goal according to the SMART criteria:

Specific: What do you want to accomplish, and why is it important? (e.g., "I want to raise my math grade from a B to an A by the end of the semester for my college applications.")

Measurable: How will you measure your progress? (e.g., "I will track my test scores in math throughout the semester.")

Achievable: Is your goal realistic with the effort and resources available? (e.g., "I will use my school's tutoring services twice a week.")

Relevant: Why is this goal meaningful to you, and how does it align with your objectives? (e.g., "Improving my math grade will help maintain a strong GPA for university applications.")

Time-bound: What is your deadline for achieving this goal? (e.g., "I aim to achieve this by the end of the current semester.")

Write your SMART goal: Integrate all adjustments into a rewritten SMART goal, such as "I will raise my math grade from a B to an A by the end of the semester by attending tutoring sessions twice a week and completing an extra set of math problems each week, tracking my test scores to ensure consistent improvement".

Weiss et al., 2016



2. A web platform



LOREM LIBERO DONEC

NEWS

Curae hendrerit donec commodo hendrerit egestas tempus, turpis facilisis nostra nunc. Vestibulum dui eget ultrices.

What we are doing...

We are developing a **PLATFORM** for teachers and people interested in PE:

- Where they can find practical materials
- Where they can upload their materials
- Where they can exchange and give/receive feedback on use of materials
- Where they can find interesting research papers

Character strenghts at

kindergarten

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus.



LOREM LIBERO DONEC

Nullam id dolor id nibh ultricies vehicula ut id eli Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at



John Smith

ARTICOLI



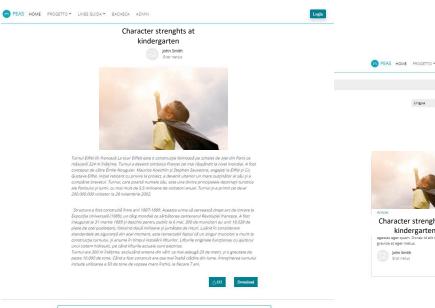
Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium.

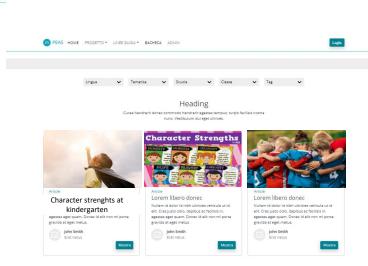


Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium.









1. A book

2. A web platform

3. A certificate of advanced studies



What we are doing...

We are structuring a **Certificate of Advanced Studies** in Positive education:

- For teachers and school heads of Canton Ticino and Canton du Valais
- For researchers in education

2. Working on self-knowledge

4. Applying PPIs at school

6. Assessing applied PPIs efficacy

Developing knowledge about PP, PE and PPIs

3. Applying PPIs for personal wellbeing

5. Developing new PPIs for application at school

Reflections about Actions

A of activity: Can you think of all the activities involving movement you do to enhance your wellbeing?

C of calming: Can you think of all the calming exercises you do to enhance your wellbeing?

T of thinking: Can you think of all the thinking activities you do to enhance your wellbeing?

I for identity: Can you think of all the identities activities you do to enhance your wellbeing?

O of optimizing: Can you think of all the activities you do to enhance your optimism?

N of nourishing: Can you think of all the activities you to feel nourished?

S of social: Can you think of all the activities you do to savour?







Theoretical references

Cavadini, T., Richard, S., Dalla-Libera, N. et al. (2021). Emotion knowledge, social behaviour and locomotor activity predict the mathematic performance in 706 preschool children. *Sci Rep, 11*, 14399 https://doi.org/10.1038/s41598-021-93706-7

Denervaud, S., Franchini, M., Gentaz, E., & Sander, D. (2017). Les émotions au cœur des processus d'apprentissage. Revue suisse de pédagogie spécialisée, 4, 20-25.

Durlak, J. A., Weissberg, R. P., Dymnicki, A. B., Taylor, R. D., & Schellinger, K. B. (2011). The impact of enhancing students' social and emotional learning: a meta-analysis of school-based universal interventions. *Child development, 82*(1), 405–432. https://doi.org/10.1111/j.1467-8624.2010.01564.x

Proctor, C., Tsukayama, E., Wood, A. M., Maltby, J., Eades, J. F., & Linley, P. A. (2011). Strengths Gym: The impact of a character strengths-based intervention on the life satisfaction and well-being of adolescents. *The Journal of Positive Psychology, 6*(5), 377–388. https://doi.org/10.1080/17439760.2011.594079

Quinlan, D., Vella-Brodrick, D.A., Gray, A. et al. (2019). Teachers Matter: Student Outcomes Following a Strengths Intervention are Mediated by Teacher Strengths Spotting. *Journal of Happiness Studies*, 20, 2507–2523. https://doi.org/10.1007/s10902-018-0051-7

Schutte, N.S., Malouff, J.M. (2019). The Impact of Signature Character Strengths Interventions: A Meta-analysis. *Journal of Happiness Studies*, 20, 1179–1196. https://doi.org/10.1007/s10902-018-9990-2

Taylor, R. D., Oberle, E., Durlak, J. A., & Weissberg, R. P. (2017). Promoting Positive Youth Development Through School-Based Social and Emotional Learning Interventions: A Meta-Analysis of Follow-Up Effects. *Child development*, 88(4), 1156–1171. https://doi.org/10.1111/cdev.12864

