

Webinar

Investing in teachers to foster an entrepreneurial spirit in schools



Consortium partners



Partners





75%

*of European teachers
do not feel encouraged to
bring **innovation into
the classroom.***

Agenda

- 1. Introduction**
- 2. Reflections on good practices that are delivering quantifiable impacts in entrepreneurship education**
- 3. Discussion**

Intro: The NEED



Entrepreneurship 2020 Action Plan

European HUB for Entrepreneurial Learning

Reinforce cooperation/ exchange of
experience between the Member States

COSME Work
Programme 2014

Erasmus+

Reference framework for
the entrepreneurship
competence

HEInnovate

Intro: The SOLUTION



European Entrepreneurship Education NETwork (EE-HUB)

Bring together European experts and policy makers to
share good practices and collaborate

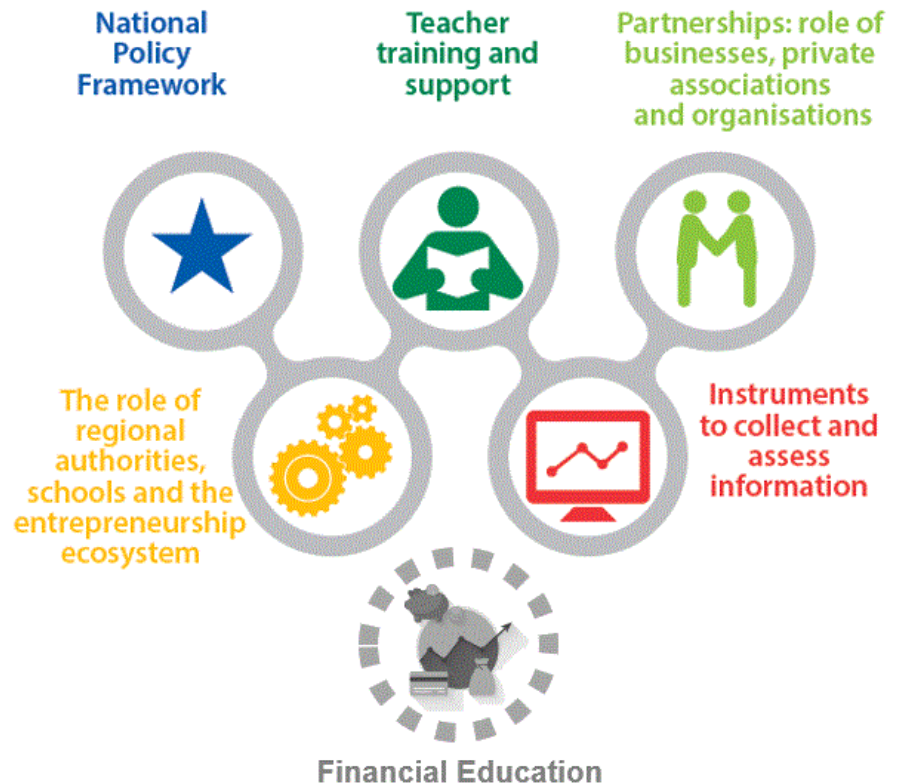
Make policy recommendations that will help increase
the uptake of entrepreneurship education across
Europe

Set the basis for a pan-European Center
for Entrepreneurial Learning

Intro: The EE-HUB



6 Key Workstreams



Good Practice Examples

- Reflections on Good Practices that are delivering quantifiable impacts in entrepreneurship education:
 - Content and tools: a MOOC for teachers based on the EntreComp, by **Tomislava Recheva**, European Schoolnet
 - Whole-school approach: entrepreneurship education as part of the school's strategy, by **Camilla Rye Jørgensen**, principal, and **Iben Rausgaard**, Innovation Coordinator, Lyngby Gymnasium, TES Award 2016
 - Collaboration with business community, by **Ruth Schless**, Human Resources and Talent Acquisition, Siemens

Boosting a Sense of Initiative: A MOOC for teachers to foster entrepreneurial mindsets

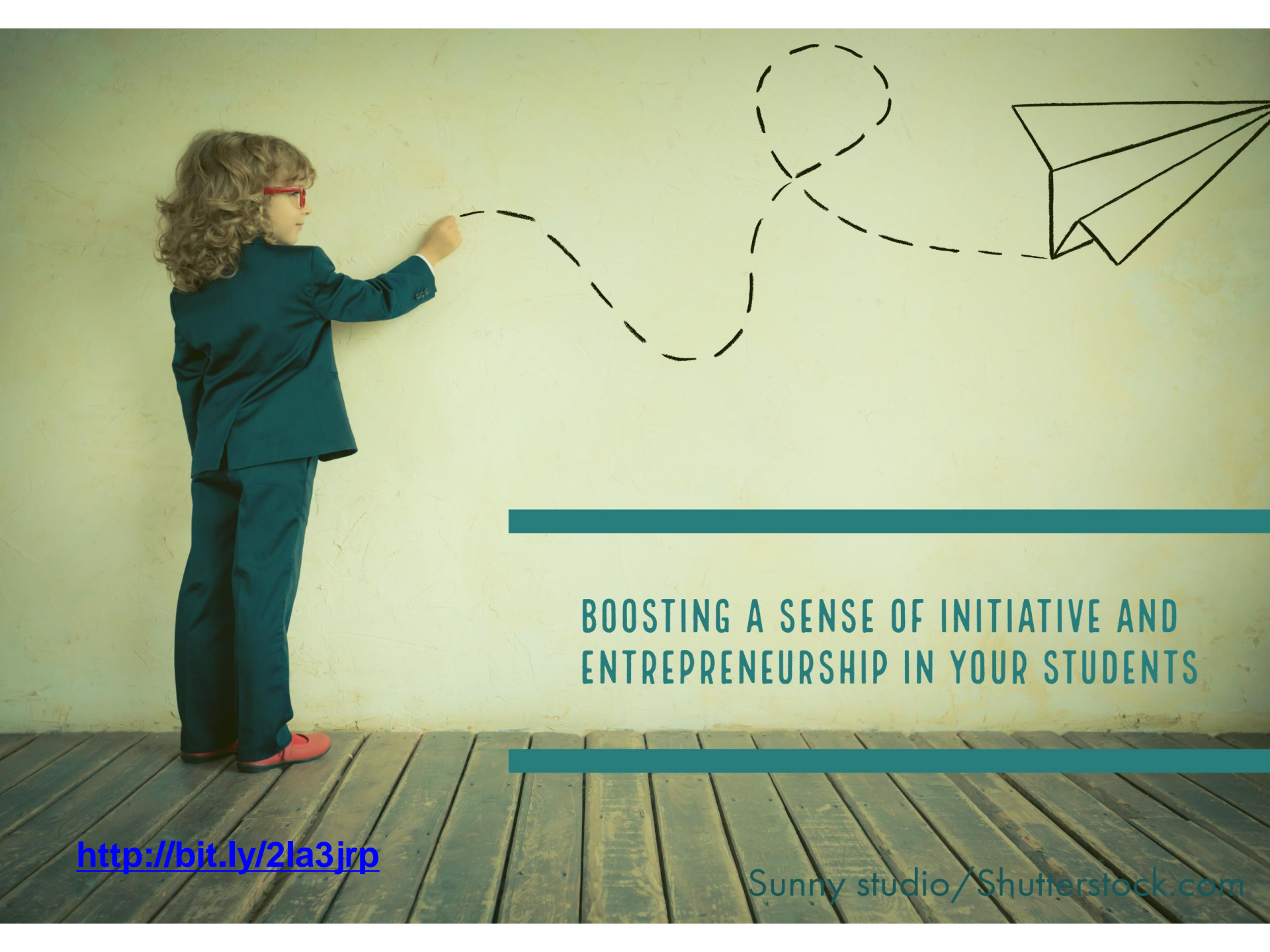
Tomislava Recheva, European Schoolnet
Brussels, 12 June 2017

#entrecourse



Share your opinion

WHAT IS THE ADDED VALUE OF
INTRODUCING ENTREPRENEURIAL
LEARNING IN THE CLASSROOM?



BOOSTING A SENSE OF INITIATIVE AND ENTREPRENEURSHIP IN YOUR STUDENTS

<http://bit.ly/2la3jrp>

Sunny studio/Shutterstock.com

Learning objectives



1

Understand the importance of fostering a sense of initiative and entrepreneurial mind-set



5

Get practical tips on how to foster ideas generation and creativity



2

Explore the different aspects that entrepreneurial learning covers



4

Discover challenge-based learning



3

Engage in experiential learning and project work



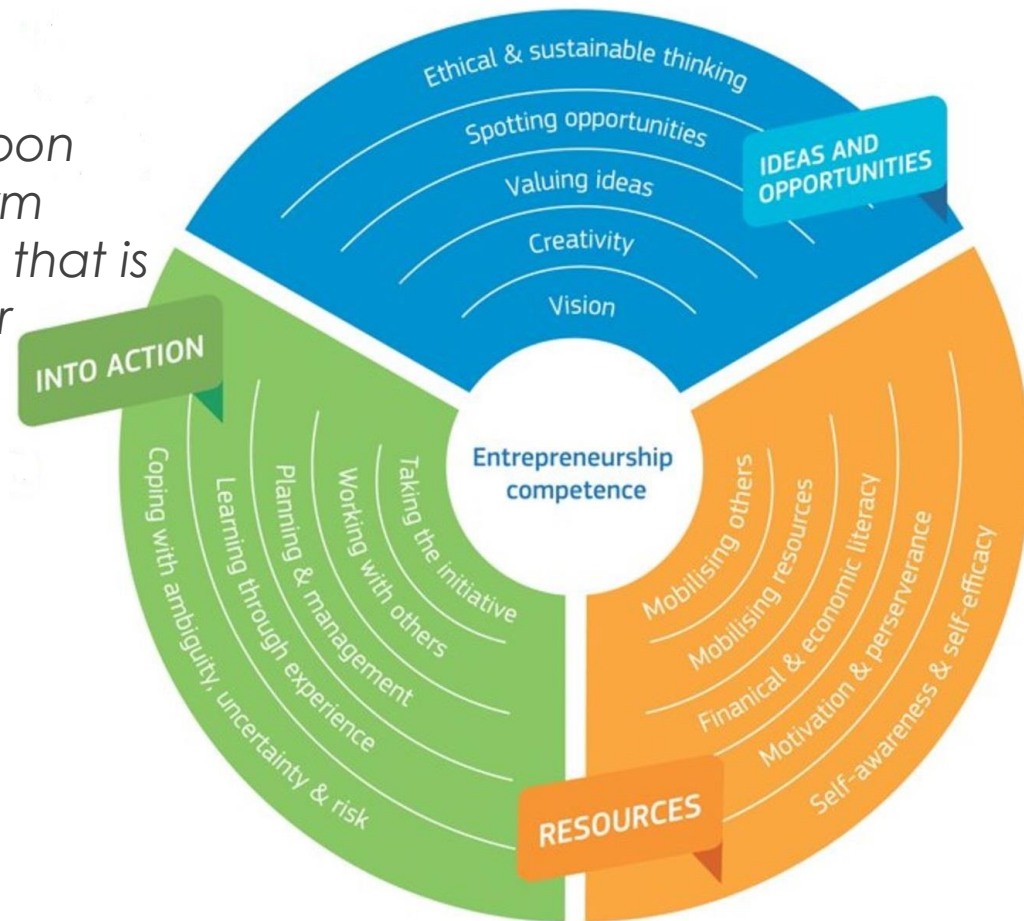
I-LINC

INCLUSION + ICT + LEARNING



EntreComp Framework

'Entrepreneurship is when you act upon opportunities and ideas and transform them into value for others. The value that is created can be financial, cultural, or social'





Valuing
ideas

Planning and
management

IMAGINING
THE FUTURE

Spotting
opportunities

Taking
the
initiative

Learning
through
doing

Self-awareness
and self-efficacy

Working
with
others

CREATIVITY

COPE WITH RISK
AND AMBIGUITY

ENTREPRENEURIAL

MIND-SET



Inspiration

Ross Hall | Elin McCallum | Ben Peeters | Dana Redford
Rebecca Weicht | Kornelia Lohynova | Andy Penaluna



Videos available at: <http://bit.ly/2o4xjIX>

Sections structure

Each section refers to one competence from EntreComp

- ✓ Competence explanation
- ✓ Short video
- ✓ Lesson idea
- ✓ Learning activity



European Schoolnet Academy • 23d

REMAKE SHARE

1.3. Spotting opportunities

Take a few minutes to think about situations from every part of life where this competence could be fostered. Suggest ways for your school to support the empowerment of students in spotting opportunities. Share your answers in the Padlet below. (Image credit: shutterstock/alphaspirit)

Teuta, Albania

Students must be taught how to take responsibilities in their environment, school, home, in community.

Communication

i would say that communication is the base for everything.

Maria (italy)

spotting-opportunities should be a habit for all subjects

Luigina Astorino (Italy)

I'm teacher secondary school. I'm teach chemistry, in chemistry laboratory my student to work on project in small group.

Antonino, Italy

I am a piano teacher in the secondary school level.

I think that a strategy to enable pupils to focus on new opportunities to be conducting an orchestra to a student at a time so that realizes the function of the conductor.

Alessandra-Italy

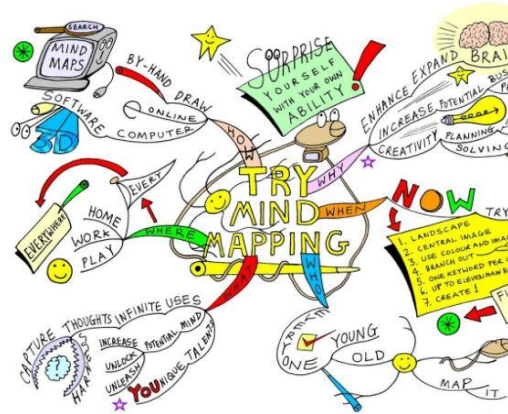
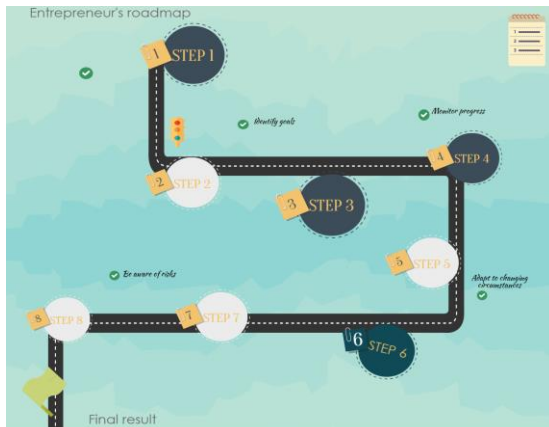
Spotting opportunities is crucial in daily life and as teachers we should improve it by proposing projects and operative learning to our students. I work in the lower secondary school and I try to make my students subjects of their learning: they always make something such as little brochure if we work on geography or make other

Patrizia

I am an economy teacher. The enterprise is my life. I ask to my students to think as an entrepreneur and to create a business idea: it's very interesting to see a lot of ideas so original. also i ask to my students to look for each problem relative a business or a market the gain solutions. it's very difficult to find the right answer for every question.

Dov, ISRAEL

//I ask my student to think of a tool/product they use in daily life and how it can





Take initiative and make a change in your classroom to support entrepreneurial mindset of your students, to enable them to explore, be curious, be active, and enjoy learning. What is the first step you can do starting from tomorrow? Share your ideas with us!

#entreprecourse

ENTREPRENEURIAL TEACHERS



A community for teachers and educators interested in entrepreneurial learning.



MEMBERS

Teachers and educators interested in entrepreneurial learning



FORUM

Sharing ideas and opinions on entrepreneurial learning



RESOURCES

Lesson plans, challenges, visuals on entrepreneurial learning

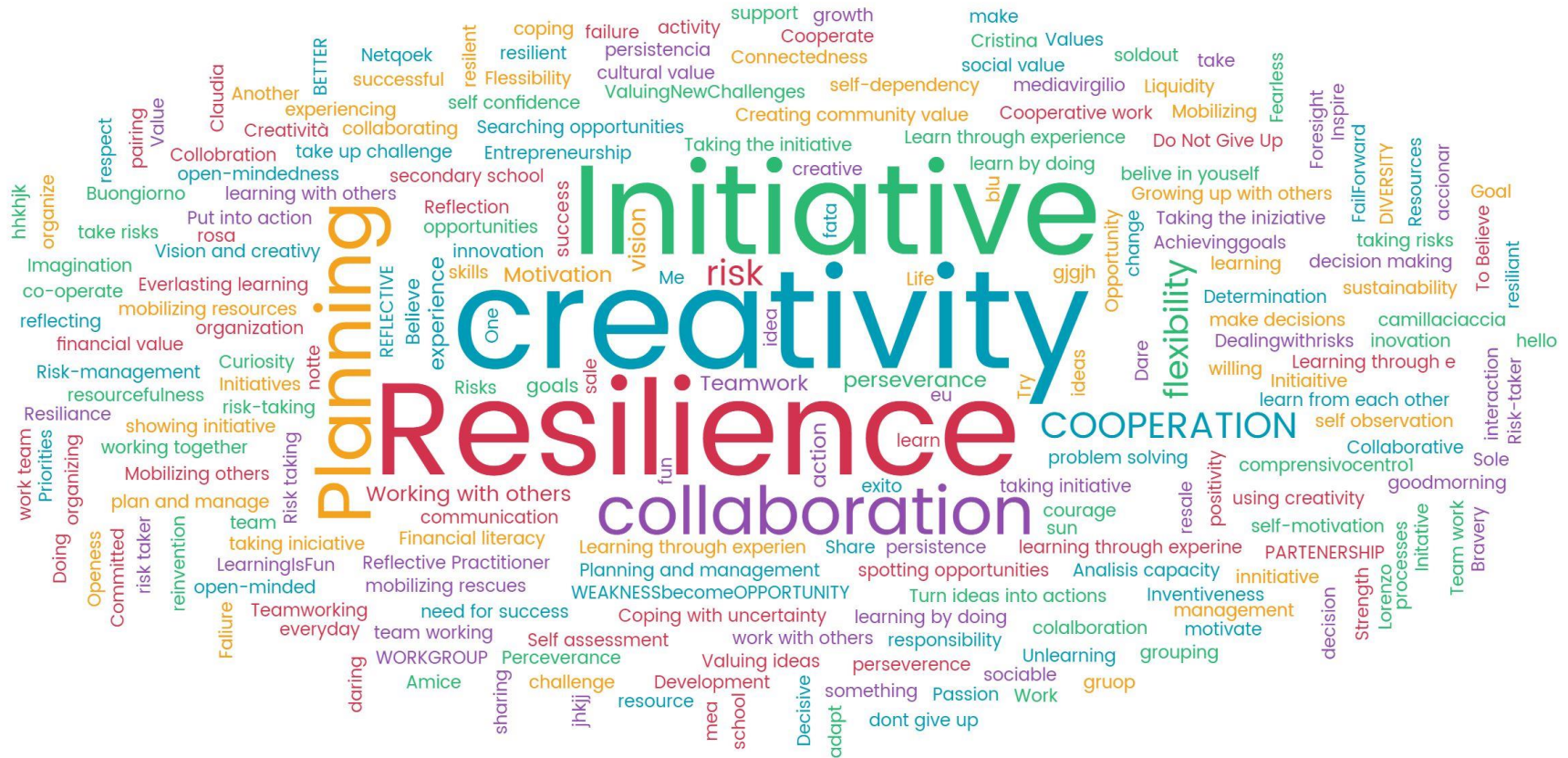


DO YOU THINK YOU ALREADY FOSTER
CREATIVITY AND OPPORTUNITIES
SPOTTING IN YOUR STUDENTS IN ONE WAY OR ANOTHER?

Do you foster a participative culture in your classroom?

Do we just discuss ideas with students or we encourage them to take the ideas further and realise them?







Thank you for your attention!

tomislava.recheva@eun.org

Full Scale Innovation at Lyngby Gymnasium

LYNGBY
GYMNASIUM

KNORD

Iben Lundager Rausgaard
Innovation Coordinator
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Camilla Rye
Headmaster
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Entrepreneurship Education in our school

Lyngby Gymnasium is an Upper Secondary School with 300 students.

We opened for students in 2013 with an ambition of being the best upper secondary school of innovation in Denmark.

We had the **unique chance to start from scratch with no unnecessary ties to traditional school management**. Therefore, we have tried to escape all traditional and logistical barriers to practise full-scale innovation.

We have developed our own unique entrepreneurship- and innovation tools - primarily based on the model of *Design Thinking*.

**In 2016 we won
The Entrepreneurial
School Awards 2016**



**In september 2017 we
will join the Innovation
Festival at School of
Design Thinking**



Our Entrepreneurship Education

All teachers and management work together in teams empowered with decision-making capabilities to plan entrepreneurial education in all classes at all levels.

The students schedule consists of only two subjects per day – giving us more time to focus and do creative and unconventional school projects.

Our classrooms and school interior in general are carefully designed to stimulate creative processes – allowing the students to work and think less conventional than the typical classroom suggests.

Entrepreneurship Education in our school

LYNGBY
GYMNASIUM

KNORD

The purpose of our students' papers and assignments is not to be crumbled up in the teacher's old bag. No, **the work of our students is also being evaluated and used by relevant partners** (businesses, museums etc.) outside of the school. We have many different partners in and outside of Copenhagen.

This would not be possible if these co-operations were not mutually beneficial → our students are highly motivated to perform.

Our TOP 5 elements of success

1. **Our ambition to both *teach* and *do* innovation full-scale** brings us great results. All efforts are invested in EE, and admittedly - it can be quite chaotic at times. But *when* successful large bets can, as you well know, be very rewarding.
2. Everything we do is **rooted in recognised theories of learning, creativity and innovation**. Originally we used the methods of Stanford University's model of *Design Thinking*, and we have since – in alignment with this method - developed **our own operating tools**.

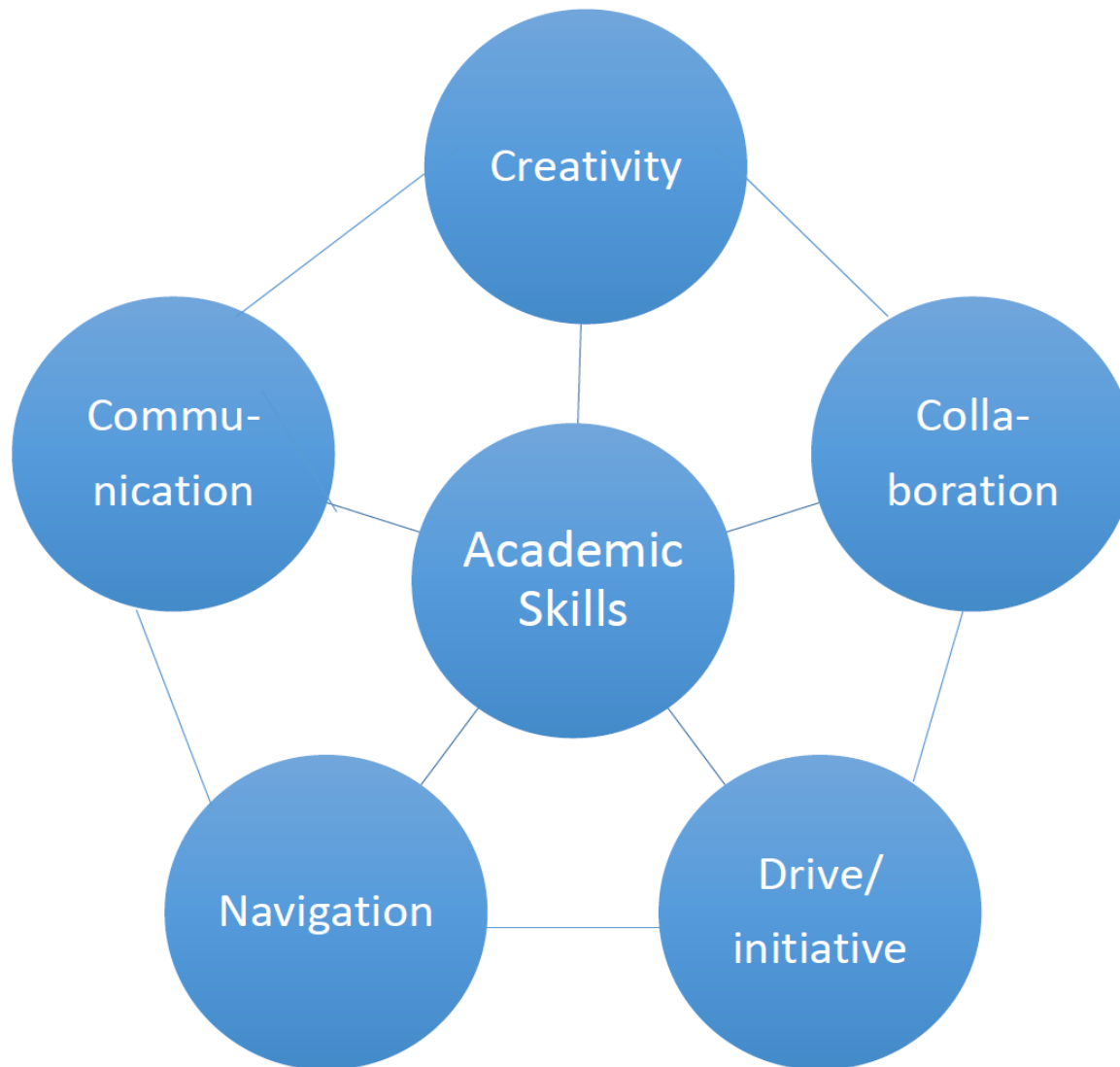
Our TOP 5 elements of success

3. We have a **specially appointed and qualified coordinator of innovation.**

4. **Our students are taught to understand and reflect on their own process of learning as well.** This meta-learning is being supported i.e. through our *Mentor Initiative*. Every student has a personal mentor to ensure that they all fulfil their learning potential.

5. To fully understand our task, **we have basically deconstructed the five major skills of innovation** into minor lists and categories of interdependent skills. Thus making it possible for us to work specifically and systematically with all aspects of entrepreneurship.

The five major innovation skills



Possible Obstacles to Entrepreneurship Education:

Possible didactical barriers

1. Teaching a curriculum to teenagers without a “correct answer”
2. Hiring and training the appropriate teachers
3. Selecting appropriate external partners
4. The balance between integration of entrepreneurship education and an examination-oriented curriculum

Possible Obstacles to Entrepreneurship Education:

Possible structural barriers

1. Professionals working as “collective geniuses”
2. The traditional class-based school structure.
3. The traditional lesson-based school structure.
4. The preconceived notion of “a school”.

How to get started?

Try it! - Be brave

Make a difference – motivate your students to improve the lives of others

Use your experience from project based learning

Do not fear to make mistakes – learn from them!

Make it possible - change your organizational setup – make time for creativity and projects

Use your network. Work with NGO's, companies, governmental institutions, parents etc.

Practice Example

Siemens partner school program

Long term cooperation with 93 schools in Germany (2017)

- Provide teachers and students with a variety of mainly technical and economical projects and activities to **arouse interest for STEM and entrepreneurial subjects and to prepare young people for their later work life.**

- **Prepare** young people in a **structured manner** for their **professional future**
- **Develop high standards of education** focusing on technical and commercial subjects alongside the promotion of soft skills
- **Transfer information and knowledge**
- **Attract the most suitable talents** to apply to company

Projects and activities for schools

- **Projects and activities for schools**
- Expert talks
- Girls' camps and discovery camps
- Factory and company visits
- Seminars (e.g. project management, English)
- Project work
- Student internships....
- **Educational and career guidance**
- Job application training
- Introduction to apprenticeships and study courses
- Involvement in school events (exhibitions, fairs, etc.)....
- **Awards/prizes/competitions**
- Awards (Girls in Technology Award, High School Diploma Award)...

Prerequisites for a partnership

- **an obligation to cooperate** on both sides
all of the school committees and bodies actively promote the partnership
- **time and resources for the program**
- **continuous interaction** feasible and desirable
- **school is located near to company**

Other examples...

- “Siegel Schools”
network of over 1500 schools in Germany with a certificate for excellent **educational and career guidance**
- Subject „career guidance“ in Bavaria in academic secondary schools (3 semesters)
- The Entrepreneurial School Award (**TES-Award**)

Discussion

Takeaways

Lessons learned

Elements to add

Q&A

Questions or Comments?



European Entrepreneurship
Education NETwork

#EEhubEU

#SwitchOnEurope



SWITCH ON EUROPE

