#### 'Smarter... Greener... Safer...'



# ENTREPRENEURSHIP EDUCATION IN MULTIDISCIPLINARY APPROACH Online Workshop 1





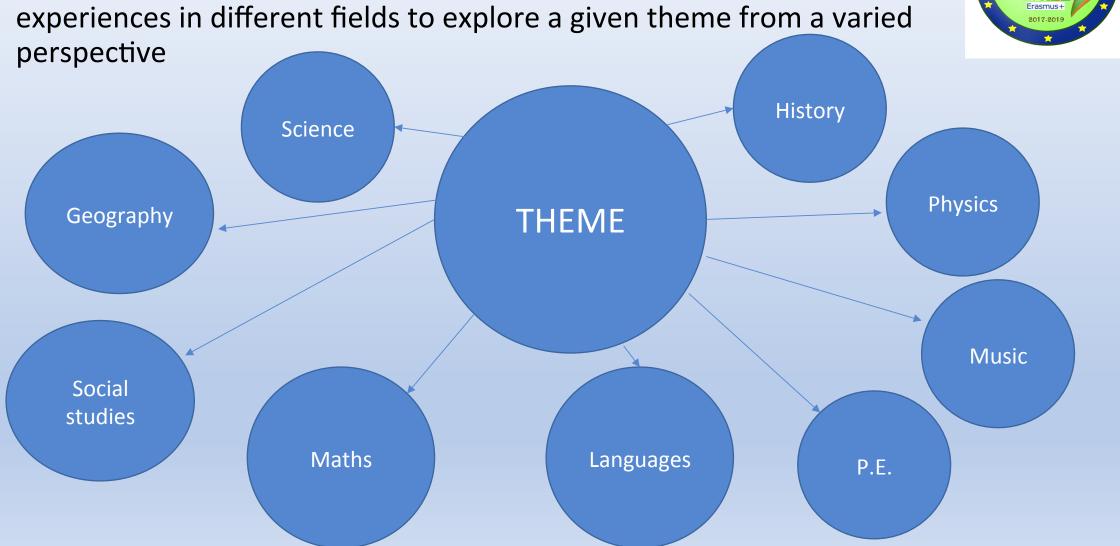
#### **MULTIDISCIPLINARY APPROACH**

allows for combination of different subjects or



**Multidisciplinary:** lessons or projects developed on the basis of a common leading topic

Multidisciplinary school curriculum: integration of knowledge and experiences in different fields to explore a given theme from a varied



# Why multidisciplinary/ integrating approach?



 Real life situations are complex and require knowledge and practical skills from different fields and subjects

It encourages students to put theory into practice

Multidisciplinary teaching/learning involves more than one area, for example: Languages **Biology** Maths **Economics** Science P.E.

#### Benefits of multidisciplinary teaching

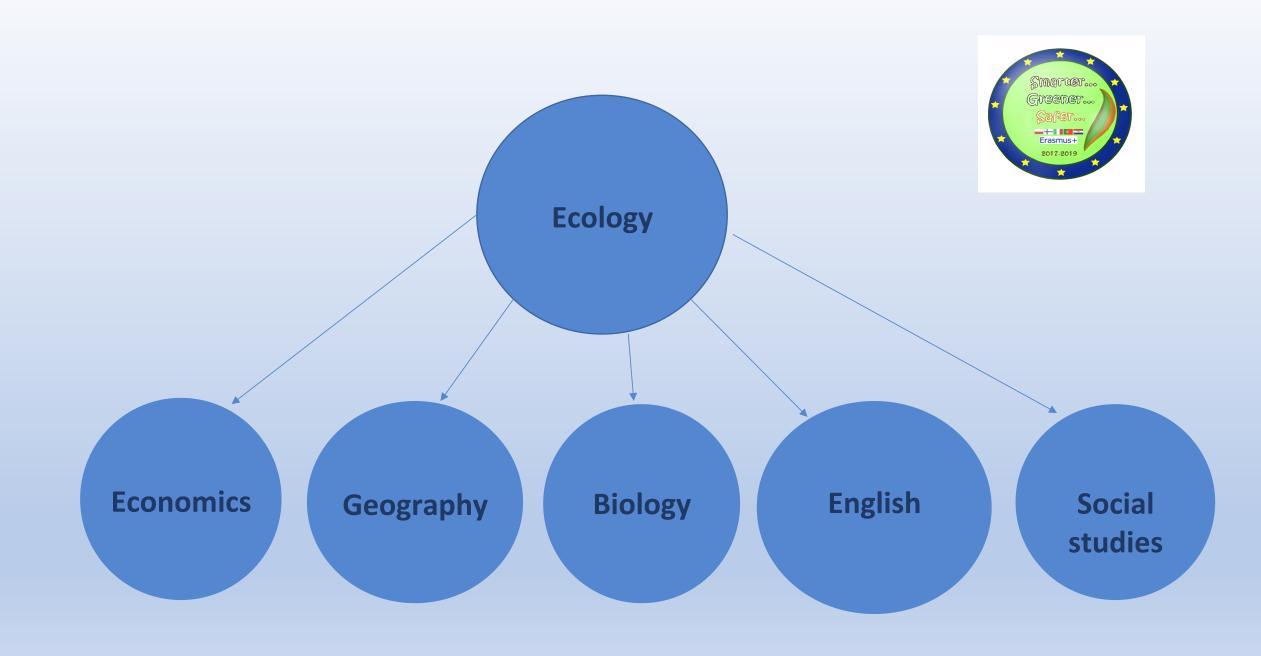


- Possibility of integrating gained knowledge and experience in various fields with practical acting
- Ability to cover more curriculum in less time
- Improvement of practical skills which are not isolated
- Students learn at their individual pace
- Arousing interest due to wider range of areas covered
- Higher involvement in the activities (due to their variety)

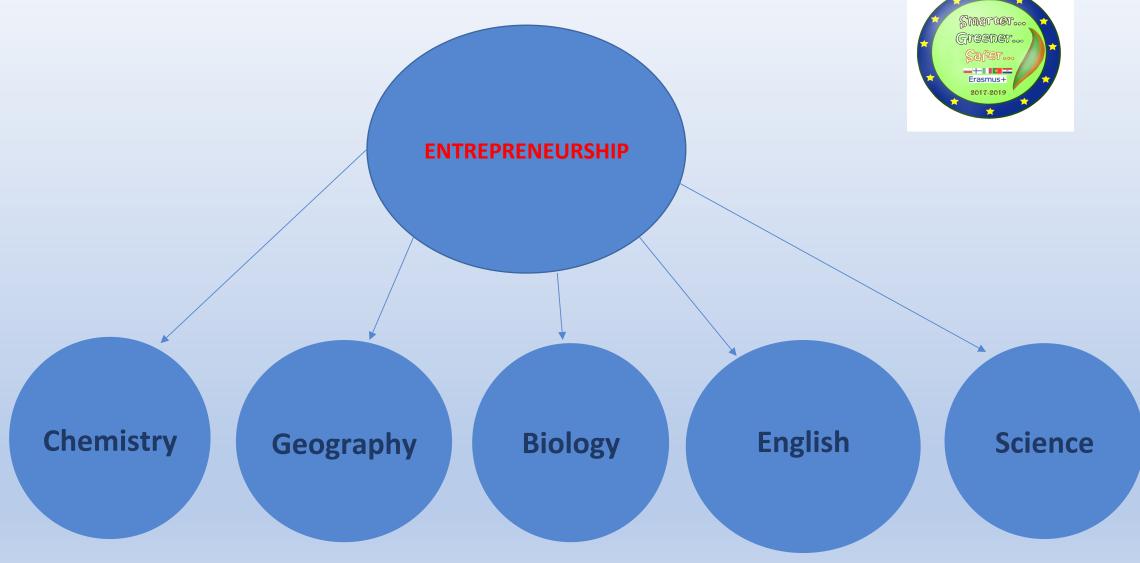
### How does it work? Maths Chemistry **English Physics** Geography **Biology**



### OR ...



### or ... Why not entrepreneurship?



### Entrepreneurship in a multidisciplinary approach



- It means including the entrepreneurship elements into subjects or courses in order to foster such activities as innovation, decision- making, problem-solving skills and strategies needed in daily life
- The students see the relationship between theoretical knowledge and its application in everyday life situations

#### Why is it useful?



- it provides students with practical tools to implement their theoretical knowledge in real life situations and prepares them for acting in similar situations in the future
- >students master such skills as problem solving, leadership, negotiation, creative thinking, technological innovation awareness, team work
- right entrepreneurial education incorporates knowledge of different school subjects and other areas to make the students' knowledge more practical and realistic
- it encourages active participation in social life and strengthens one's self-confidence

### Entrepreneurship fosters practical skills and attitudes:



- planning
- organisation
- analysis
- communication
- negotiation
- working individually and in teams
- risk assessment
- sense of initiative
- independence and motivation
- determination to meet objectives

#### How can we teach entrepreneurship?



➢ by infusion and integration of entrepreneurial elements and strategies in various classroom practices as one of the best ways of developing entrepreneurial skills of students

## **Examples of entrepreneurial elements in different subjects:**



SUBJECT	Elements of ENTREPRENEURSHIP
English	e.g. communicative competences; expressing oneself; theme oriented vocabulary; critical thinking; writing skills (formal and informal)
Science	e.g. understanding and using natural processes; understanding and designing technologies; analysing and planning
Maths	e.g. practical calculations; estimating; creative problem solving; record keeping; marketing; business planning
Physics	e.g. using and designing technologies; calculating
Social studies	e.g. organising; planning; personal development (soft skills); home management; team work management

#### How to encourage entrepreneurship?



To integrate the various elements of entrepreneurship in different subject classroom activities:

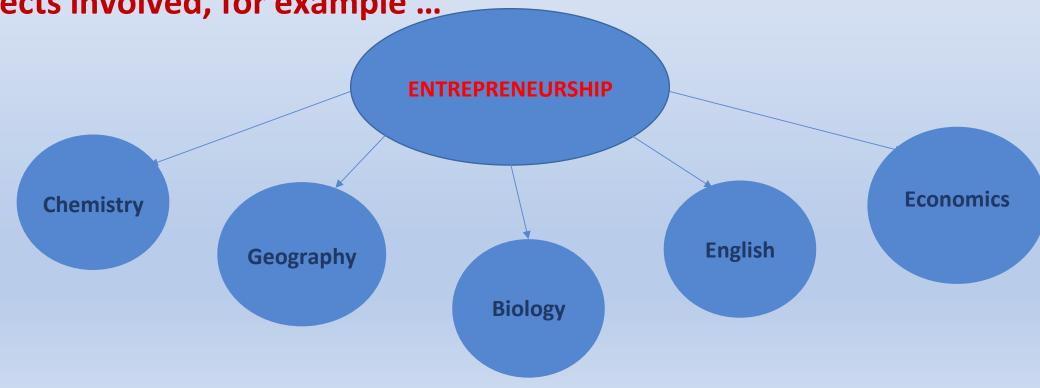
- > ask students to come up with mini projects and praise them for their engagement
- > let them be creative and independent
- ➤ foster entrepreneurial skills like innovation, decision- making and problem-solving skills needed in daily life
- >show them how issues learnt in different subjects can be of practical benefit to them and the society if put into practice thanks to their entrepreneurial activity

#### Now it's our turn ... ©

#### **TASK**

Design a multidisciplinary lesson involving entrepreneurial education linked with the subjects of your choice (related to the SGS project) - map the subjects involved, for example ...







#### GOOD LUCK!



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