

ACADEMIA MERCURII soukromá střední škola, s.r.o.

ENTREPRENEURSHIP IN SCHOOLS:

CREATING NEW OPPORTUNITIES IN TEACHING AND EDUCATION



Výsledky projektu o výuce k podpoře podnikatelského ducha žáků středních škol realizovaného středními školami z České republiky, Litvy a Španělska v období září 2016 až srpen 2018.

Tento projekt byl realizován za finanční podpory programu Erasmus+ Evropské unie.







ACADEMIA MERCURII, červen 2018





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Úvodní slovo

Vážení čtenáři,

dovolte nám, abychom Vám v této publikaci představili projekt týkající se výuky k podpoře podnikatelského ducha žáků středních škol pro jejich úspěšné budoucí uplatnění ve společnosti, který byl uskutečněn za podpory programu Erasmus+ školní vzdělávání v rámci Výzvy 2016.

Tento projekt, kterého se účastnili učitelé a žáci 10 středních škol ve 3 zemích Evropské unie (ČR, Španělsko a Litva), se zabývá vzájemnou výměnnou zkušeností učitelů i žáků týkajících se forem a metod výuky, které v žácích budují potřebné postoje k podnikání a které jim pomáhají získat cenné znalosti a zkušenosti pro jejich budoucí profesní život.

Věříme, že náš projekt může sloužit jako příklad dobré praxe v oblasti školního vzdělávání a spolupráce mezi školami v zemích Evropské unie, a také doufáme, že námi společně vypracované dokumenty mohou pomoci nejen dalším školám při rozvoji metodiky výuky k podpoře podnikavosti žáků, ale i mladým začínajícím či budoucím podnikatelům při jejich vlastní podnikatelské činnosti.

Doufáme, že i pro Vás bude tato publikace zdrojem inspirace a motivace do další práce v oblasti podpory podnikání a podnikavosti mladých lidí.

Váš tým ACADEMIA MERCURII soukromá střední škola, s.r.o.





O projektu

Tento projekt, kterého se účastnili učitelé a žáci 10 středních škol ve 3 zemích Evropské unie (ČR, Španělsko – síť osmi středních škol ve městě Lleida a Litva), se zabývá vzájemnou výměnnou zkušeností učitelů i žáků týkajících se forem a metod výuky, které v žácích budují potřebné postoje k podnikání a které jim pomáhají získat cenné znalosti a zkušenosti v oblasti podnikání pro jejich budoucí profesní život. V rámci tohoto projektu byl vytvořen soubor aktivit, které jednotlivé školy pro podporu podnikatelského ducha svých žáků realizují, uskutečnilo se online setkání žáků těchto škol prostřednictvím videokonference, kde si žáci vzájemně vyměňovali své zkušenosti s projekty rozvíjejícími jejich kompetence potřebné pro jejich budoucí uplatnění na pracovním trhu a při vlastním podnikání (záznam tohoto setkání je možné získat na webové stránce tohoto projektu) a celý tento soubor aktivit byl zveřejněn na webové stránce projektu, která byla zřízena na adrese: https://entrepreneurerasmus.wordpress.com/.

ACADEMIA MERCURII přispěla do projektu souborem svých aktivit vedoucích k podpoře podnikavosti, a to například ukázkami odborné praxe svých studentů - průvodců z oboru Cestovní ruch, předvedením činnosti studentských fiktivních firem (obor Ekonomické lyceum) či studentských společností zakládaných žáky oboru Cestovního ruchu v rámci mezinárodního programu Junior Achievement. Litevské gymnázium projekt obohatilo o své zkušenosti s podobnými projekty podnikání žáků. Španělsko, které bylo zastoupeno 8 katalánskými středními školami z města Lleida, tvořícími společnou síť pro vzájemné předávání zkušeností a příkladů dobré praxe výuky na středních školách, projekt dále obohatilo svými zkušenostmi spolupráce s "inkubátorem" mladých španělských firem CEEILLEIDA a s organizací GlobalLleida, která poskytuje teoretickou podporu mladým podnikatelům a středním školám vzdělávací programy týkající se podpory podnikání budoucích absolventů škol.

Během tohoto projektu bylo při společných setkáních ve městě Lleida (Španělsko), Stakliškés (Litva) a Náchod (ČR) společně vypracováno v anglickém jazyce, který byl jazykem projektu, několik dokumentů, které naleznete v další části této publikace. Jedná se o srovnávací studii strategií a politik využívaných v zemích účastnických škol a v těchto školách k podpoře podnikavosti (tento dokument má název Comparative study of the strategies and policies used in the different countries and the different schools to foster entrepreneurship), dále soubor příkladů dobré praxe využívaných v účastnických školách k podpoře podnikavosti a podnikatelského ducha žáků (název dokumentu Summary of good practices) a o návod, jak realizovat uskutečnitelný podnikatelský projekt (název dokumentu Guide of a feasible entrepreneurial

project - Concretion of the guidelines for the development of an entrepreneurial project). Tento dokument neobsahuje pouze kroky potřebné k uskutečnění úspěšného podnikatelského projektu, ale slouží zároveň jako autoevaluace, zda je podnikatelský projekt skutečně udržitelný, a to formou přidělování bodů každé své odpovědi v dané tabulce. Po přidělení bodů za všechny odpovědi v tabulce vyjde celkový součet, přičemž platí, že projekt s celkovým součtem bodů vyšším než je 50 % možných bodů, je projektem úspěšně realizovatelným. Věříme, že tento návod pro realizaci uskutečnitelného podnikatelského projektu by mohl posloužit začínajícím podnikatelům k zhodnocení možné realizovatelnosti svého podnikatelského záměru.



Partnerské školy projektu

ACADEMIA MERCURII soukromá střední škola, s.r.o. – Náchod, Česká republika



Prienų r. Stakliškių gimnazija – Gymnázium města Stakliškés, Litva



http://www.stakliskiuvm.puslapiai.lt/

INS CAPARRELLA – střední škola ve městě Lleida, Katalánsko, Španělsko – partner zastupující síť 8 katalánských škol ve městě Lleida



http://www.iescaparrella.cat/

Comparative study of the strategies and policies used in the different countries and the different schools to foster entrepreneurship (srovnávací studie strategií a politik využívaných v zemích účastnických škol a v těchto školách k podpoře podnikavosti)

1. How is entrepreneurship understood in the different participant countries?

The contact with other countries and schools has offered us the opportunity to share information and new points of view about the topic in order to understand which is the most common meaning for entrepreneurship.

First of all, all countries agree with the fact that entrepreneurship implies being active in looking for a job. It is not related to waiting for an opportunity, it is related to the energy and determination required to be an active person.

This energy is needed if we take into consideration self-employment, as a way to establishing our own job and setting up a new company. We mustn't only rely on being employed by somebody else.

When dealing with self-employment it is obvious that the ability of setting up a firm and being able to manage with the different legal requirements is required.

This understanding of entrepreneurship is also associated with open minded students trying to avoid chained education in order to promote their creativity.

Although entrepreneurship is understood as something related to business, now a new trend is emerging that considers entrepreneurship as something related to an attitude that faces all aspects related to life and not only those directly involved with companies or businesses.

Traditionally, entrepreneurship was understood as launching and running a new business, nowadays the concept includes much more: skills for social life and specifically for economic questions. But this means an specific behaviour when facing daily life situations.

2. How do the schools of the different countries work entrepreneurship?

a. Simulations of a company

Obviously entrepreneurship is related to the establishment of a company and the best way to experiment and practise is doing a simulation on settling a company. There are different experiences.

Mock companies

These are companies set up by students. They are virtual companies but with all the steps required to setting up a real company. The product is also virtual, but it requires feasibility. To improve motivation among students there is a competition and teachers do not evaluate them in order to maintain the neutrality of the competition. There is also an Internet open space where you can buy and sell different products of the

mock companies and you can follow the feasibility of the company and the economical evolution of the firm. There are also real trade fairs organized where students can show their companies and share entrepreneurial experiences. This experience implies two lessons a week.

Junior achievement

It means a bridge between formal and informal education where students can also practice real situations related to entrepreneurship. In this case they deal with a real product and with real money. Students need to find funds and sponsors who can provide them. A product promotion is needed to improve its feasibility and a product sale is also needed to recover the money invested. Fairs are also organised as a way to share knowledge among the students involved in the project.

b. Internships

Student internships in companies is a way largely used in the countries that take part in this project. They could be recognised as another subject in the syllabus. In some cases the students work experiences in companies are compulsory and in others these are optional, but in both cases that kind of activity is taken in account for the school year qualifications.

c. Specific lessons

Specific subjects are taught in order to achieve the entrepreneurial spirit among the students. They could be economy lessons to familiarize students with ordinary facts of the companies. Or they could be career guidance lessons too, to show the steps which lead to the establishment of a company. Another idea is to introduce students in practical and creative lessons to promote entrepreneurship, more practical and less theoretical. These specific subjects could be taught in the compulsory secondary studies or in high school (post compulsory).

d. Other activities

It could be meetings with businessmen arranged in the high school or in the company where the representatives are working. Students visits to different companies close to the high school and to representatives of the area. Different kind of collaborations with the university: practises, visits and so on. Creating an entrepreneurship net of high schools sharing experiences and activities.

3. Which skills and attitudes must an entrepreneur person have?

The human behaviour is composed of a collection of different qualities and skills and there are ones directly associated to entrepreneurship. These could be the skills required for a good entrepreneurial spirit.

First of all, a reflection for teachers, as they should teach students to be open and to develop their minds. They should also foster the development of their students capacities so that they learn to reach their own aims.

Another important skill would be the skill of team work, mainly when dealing with common projects.

We can summarize the main skills of an entrepreneurial person in:

- Creativity for find and face new challenges.
- Alternative thinking to solve problems in a different way.
- Vision to imagine.
- Competence.
- Permeability to accept different opinions and adapt to corrections and improvements.

How can we work these types of skills?

An obvious way could be through the mentoring lessons with the classroom teacher. There, life skills would be developed through the guidance of the mentor.

Another way could be giving students open tasks where they have to personalize their learning. In this type of task, they should also develop creativity and alternative thinking to solve the tasks demanded.

Also flipped classrooms, where the students previously do some research at home about the topic of a subject and then expose their doubts in class. We believe it is a good way to improve their competence and their own autonomy.

A great challenge related with all the proposals would be the search of motivating tasks. It is a key factor to ask students about topics that are motivating for them. They will work more and better.

School events or competitions could be informal ways to acquire different kinds of skills. The class group should prepare the theoretical part during the lessons: how to communicate, how to behave, learn basic psychology, how to behave at work and so on. Later, in the practical part, they could manage with charity work, collecting money, creativity, responsibility, taking decisions and building good relationships with companies. In order to send students to companies, they must reach agreements with themselves and with local companies and authorities (city hall, major and so on).

4. Which methodologies or contents are used to foster this entrepreneurial spirit among our students?

To summarize we can agree with the fact that all the countries coincide in three methodologies which promote entrepreneurship among students.

• The first one is experiences like setting up their own company (semi real or fictitious) in order to reach and encourage their **autonomy and creativity**.

- The second one is **internships** in companies. This is considered very useful in order to establish contact with the real word of a company.
- And the final one is including entrepreneurship in the curriculum through specific subjects.
 What's more, promoting practical lectures with different representatives in order to keep our students in touch with professionals or institution representatives who can contribute to develop an entrepreneurial spirit among them.

Summary of good practices (soubor příkladů dobré praxe využívaných v účastnických školách k podpoře podnikavosti a podnikatelského ducha žáků)





generalities



- · 3rd course of ESO (15 years)
- · Compulsary or not (optional in every school)
- Nowadays is almost compulsary in every catalonian school
- · 2h / week during all the term (70h)
- · Cursed usually by the Professor of Economics
- Almost new. Implemented 3 /4 years ago, no more
- · With an important practical part

Main targets



- 1. help students in making decisions about their training and experience, in order to adapt their skills to working conditions in continuous process of change
- make him aware of the need for entrepreneurship considered not only as a set of qualities and skills needed to

start a business, but as a general attitude that can be useful in activities professionals, as in everyday life

3 sections



- 1. self-awareness and training program
- 2. labor market and economic activity
- 3. entrepreneurship and business plan

Educational skills



- 1. Autonomy and personal initiative
- 2. Teamwork
- 3. Communication skills
- 4. Digital competence
- 5. The civic dimension in activities

Building a business plan (Questions)



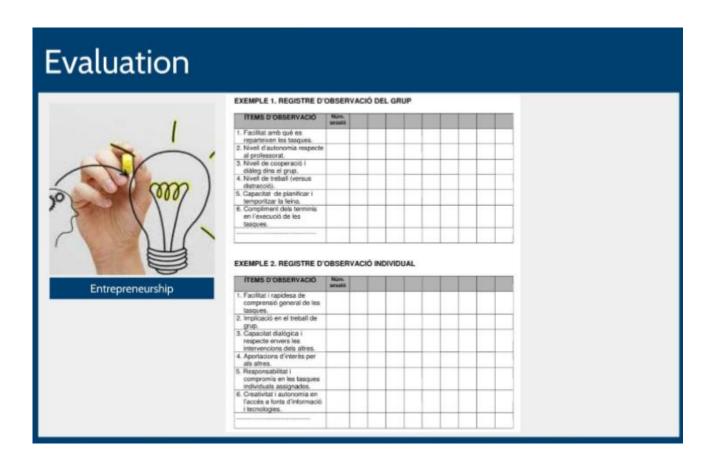
- product or service offered (what?)
- objectives (to satisfy needs that?)
- process of creating the product or service (such as it is?)
- trademark (name, image ...)
- company size (local, national, international ...)
- target (to which potential public sector is headed?)
- resources (what investment is needed, what human resources?)

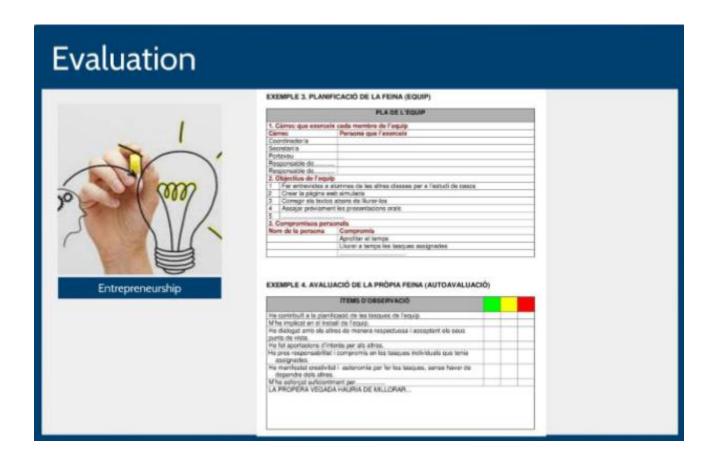
Curriculum



Entrepreneurship

- Personal and social skills to work
- Personal and social skills to be a good entrepreneur
- 3. Programs and training opportunities
- Sectors, trends and labor market demands. Seams job
- 5. Analysis of professions and jobs, and associated skills requirements
- Professional environment
- 7. Towards an entrepreneurial society
- 8. Labor market activities, social and sustainability
- 9. Working for others. Access to public and private iobs
- 10. The business idea and business plan definition
- Basics of Economics





Examples in different schools



Públics: 22 / Concertate: 5 14. Escola Agrària del Pallars (Talarn) 2. Acadèmia MARTINEZ (Unida) 15. Escola Agrària de Les Borges Blanques 3. INS Torrevicens (Lieida) 16. Escola Agrària de Tàrrega 4. INS Escola del Treball (Lleida) 17. INS Tremp 5. INS Escola d'Hoteleria de Lleida 18. INS Mallerussa 6. INS Guindavols 19. La Salle Mollerussa 7. Escola d'Art Auls Municipal de Teatre 20. INS La Segarra (Cervera) (Lleida) 21. INS Alfons Costafreda (Tarrega) 8. INS Castell de Templers (Lleida) 22. Vedruna Tärrega (Col·legi Sant Josep) 9. INS Capamella (Lleida) 23. INS Aubent (Oliana) 10. ILERNA (Lleida) 24. INS Almata (Balaguer) 11. Escola Agrària del Pirineo (Bellestar) 25. INS Hug Roger III (Sort) 26. La Salle La Seu d'Urgell 12. Escola Agrária de Valfogona de Balaguer 27. INS Joan Brudieu (La Seu d'Urgell) 13. Escola Agrària Alfarràs Nombre de Projectes: 40 Projectes (Centres que fan activitats d'emprenedoria): 34 Projectes (Centres amprenedors): 6 Centre que la algunex activitata d'emprenadoria



Examples in different schools



Entrepreneurship

Project Name: Job Dating (Dating Work)

Education level: 2nd year 2nd year intermediate vocational

training and advanced vocational training

Professional Family: Any

Training Cycle: 2nd cycle course of any

Responsible / s Project Team ID7

Brief project description: Dating is dating Job work or a day or

more on a company

dedicated to recruitment processes carried out in the center of real choice. Students

register voluntarily presented a resume and do a real job

Thus any student center ending the cycle has gone through a process of real choice.

Examples in different schools



Entrepreneurship

- 4/ INS Tucola del Treball (Lielda) Sremono de l'Elecerment
- 7/ INS Excola del Treball (Lleida) Programo * Pinglales en
- 8/ MS Guindiants (Lieita) Pest Fina d'emprenedaria excitar Il/ Escola d'Art Aula Municipal de Yeatre (Lieida) La Sépola 10/ Escola d'Art Aula Municipal de Teatre (Lieida) Apropet
- 11/ INS Castell de Templem (L'erda) Creació d'una cooperativa
- 12/ Escala Agraria Alfamia (Alfamia) Seminiaria d'Emprenedurio en Fructiculturo 13/ INS Tremo (Tremo) Xerrodés i conferêncies: Programa EFEC 14/ IERNA (Lieida) Premi ai millor projecte emprenediar del centre

- 14/ IESNA (Liedg) Promi di milito projecte emprenedar del contre
 15/ IESNA (Liedg) Compenent IESNA d'emprenedario i innuecid
 16/ IESNA (Liedg) Competa d'emprenedario i innuecid
 11/ IESNA (Liedg) Profesionale d'emprenedario i IESN
 11/ IESNA (Liedg) Profesionale en concurso d'emprenedario
 13/ IESNA (Liedg) Projectes innuel
 13/ IESNA (Liedg) Projectes innuel
 13/ IESNA (Liedg) Coirs en modalino DOAL
 11/ Ios leg l'ariampa (Liedg) COIN
 11/ Ios leg l'ariampa (Liedge) COIN
 11/ Ios leg l'ariampa (Liedge) COIN
 11/ Ios l'aguation de Terrena (Liedge) Conducto d'octivitats en origins brover
 15/ Iosna Agrina de Terrena (Liedge) Conducto d'octivitats en origins brover
 15/ Iosna Agrina de Terrena (Liedge) Conducto d'octivitats en origins brover
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 15/ Iosna Agrina de Terrena (Liedge) Conducto d'octivitats en origins d'octività de l'ariampa (Liedge) Conducto d'octività d'octività
- 25/ Escola Agrària de Tarrega (Tàrrega) Créalt de sintesi
- 26/ MS Mallerusus (Mailerusus) Comenis amb empreses col·laboradores 27/ MS La Segarra (Convers) Impulsem l'empresestoria 28/ MS Alfons Costalneda (Tarrega) Projecte empresarial d'Administració i Finances/Simulació empresa
- GA (AIF/Projector Volvation DE
- 29/ Vedruna Tämega Cof-legi Sant Josep (Tämega) Empresaulo 30/ Escola Agrinia del Palars (Talam) Sinana 31/ INS Auberg (Okana) Senue denominació
- 12/ NS Almata (Salaguer) Vivins a emprese (Jamedes tiloniques 33/ NS (lug Roger II (Sort) Empresentatio 34/ NS Jaan Brudieu (La Seu d'Ungell) Setmano de (197

B/ Projectes (Centres emprenedors): 6

- 1/ La Salle La Seu d'Ungel (La Seu d'Ungel) Concors afengenecions, consurs s'evator pirch.
 27 96 Suparrello (Jedda) Jamades d'imperendanta
 37 96 Suoda del Treibal (Liesda) Costonne del Netauching
 47 96 Suoda del Treibal (Liesda) Costonne del Netauching
 47 96 Suoda del residente i Tamismo de Lieda (Jedda) Costonne d'Activitats Emprenedares: Concursos, fres, soutres pastruminiques, cui sidenesis amb emittat, creació de nous productes.
 57 10 Salle Mellensosa (Matilensosa) Matar empresaval
 57 177 777



ENTREPRENEURSHIP IN SCHOOLS - CREATING NEW OPPORTUNITIES IN TEACHING AND EDUCATION - Example of good practice

School: Stakliškés gymnasium	Country: Lithuania
Field: Learning methodologies	Title: Business plan

Summary/description (500 characters):

Every Friday, we 3 G class students, gather in Entrepreneurship Getting Started lessons. Already before the summer vacation we knew that we will have the opportunity to develop training students company. Upon returning after the Summer's holidays, a little disappointed - in case of shortage of members, the company development failed. So now in the classroom we started playing a kind of game called The company we are doing a lot of work that we would dare set up a teaching student's company, but we do it on paper, in reality does not operate. Everything started with a reflection: what we can do. Knowing that the school is gifted a printer, students produce 3D objects using CYAN, clay ovens, draw pictures, we formed the idea. With a clear vision, a company logo, we have started company's description, environmental analysis an later moved on to the production of the students teaching company "Droplets" marketing plan.

We know that having your own business is quite important to know the strengths and weaknesses of the company side, so a lot of time and we were interested in these topics.

TSC (training students company) "Droplets" will sell their handmade souvenirs. Business will be located in Stakliskes gymnasium (Prienai street 8, Stakliskes). We are planning to start working from 1st September in 2016.

The founders of business are Viktoria, Violeta and Indre.

Our products will be sold not only for people from gymnasium society but also for people from all of the Stakliskes district and for people that placed orders.

By selling our products we are going to advertise our gymnasium, skills and also ourselves.

We are hoping to get support from gymnasium (with supplies) and Stakliskes entrepreneurs.

For initial capital we are going to use own resources. Profit will be divided equally.

TSC "Droplets" business plan

Company description

Business field description

TSC "Droplets" business type making and selling of handmade souvenirs. The idea to start this business was influenced by a few factors: desire to realize ourselves, our teacher's and principle's encouragement, desire to make money and get acquainted with business establishment. We are planning to attract clients with our exclusive and original products.

The stronger side of our company:

• Initiative:

Staff is friendly and full of great ideas;

- Unconvebtional material;
- Authenticity;

The weaker side of our company:

- Lack of experience;
- Lack of money;
- Slow return in the beginning;

Company threats:

Lack of ideas;

Emerging competitors;

TSC goals:

- Attract more clients;
- Advertise our gymnasium;
- Meet our clients needs;
- Assess necessary finance demand;
- Estimate perspective;
- Have capital;
- Realize our ideas;

Although the company has not been established, we gained more experience, learned many new things and expect others to take over our work, everything will finish successfully, and will be the meeting representatives of the school.

Phases of development

- a) What will be the work time?
- b) Where did we work?
- c) How we get the needed room's to work in?
- d) What devices will be needed?
- e) Will we have the reserves. Can it get old?
- f) Safety briefing.
- g) How did we check the quality?
- a) In the art class and the after school activities
- b) In the school.
- c) We will consult with school teachers and leaders.
- d) 3D printer clay and oven. We will use school equipment.
- e) We should always have reserves: plastic, clay, paint and others things that we will might needed. These reserves doesn't get old and don't become un need.
- f) We will follow the manufacturer's seated directions how to use equipment carefully.

For example: Don't touch 3D printer while his working, don't touch products while they hot and don't open the oven while it's working.

g) Quality will be checked carefully. If we need we will check the resistance to hotnes. Every worker will sign the work safety briefing.

Problems to pay attention to when developing the different stages

Much attention was paid to the problems that we face, and the search for possible solutions to the road. Thinking about your customers, we have entered into forms that people can evaluate our work, the quality of products and package as well, provide the information that we could use in the student's teaching company's activities to improve the quality.

Conclusions

Consumers demand is growing, they are looking for original gifts or souvenirs, but we will try to offer. Market potential - sufficient. More customers would return before the biggest holidays of the year because all want to give a joy with original gifts. At this stage it is difficult to find out about competitors, their objectives and plans for the future, because there is not enough advertisement. The analysis of the competitive firm's shows that we can choose the most effective ways to fight competition, to decide what factors - price, quality or service could be effective.



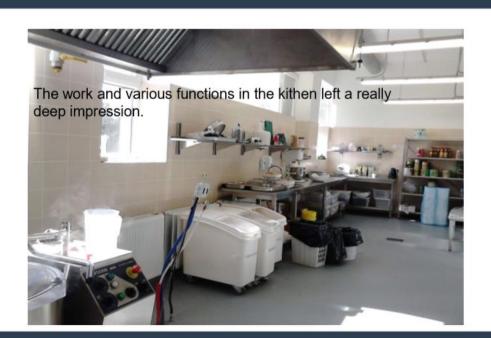


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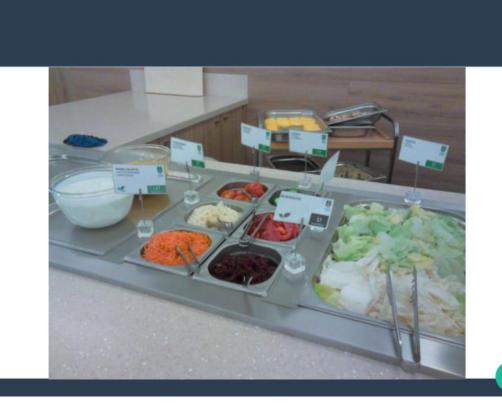




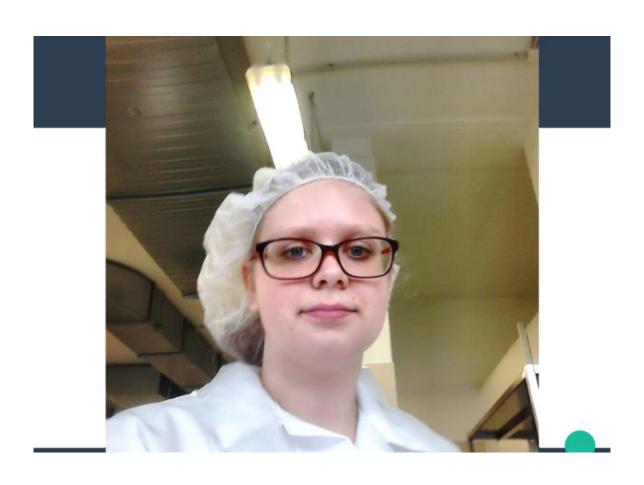
One girl really liked the different procedures of physiotherapy So that she decided to study this subject. She also realised that she could work not only in a sanatorium



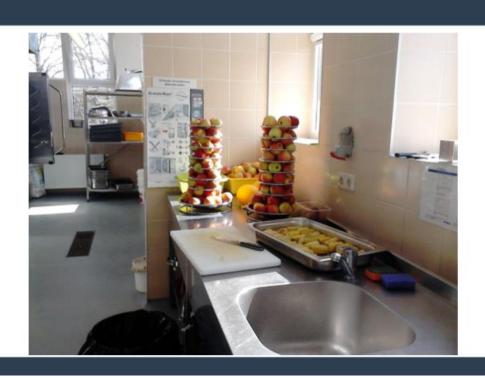


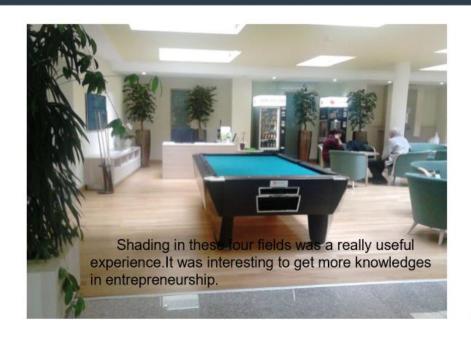


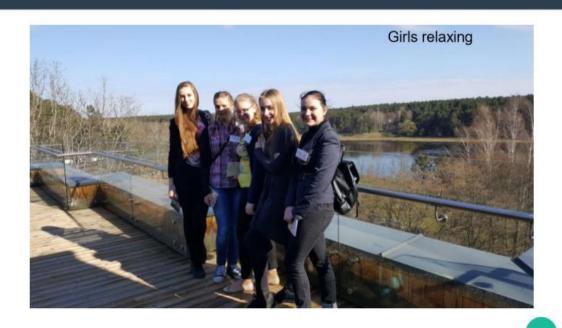












ENTREPRENEURSHIP IN SCHOOLS - CREATING NEW OPPORTUNITIES IN TEACHING AND EDUCATION - Example of good practice

School:	Country:
Academia Mercurii	Czech Republic
Field:	Title:
Learning methodologies	JUNIOR ACHIEVEMENT COMPANIES

Summary/ description (500 characters):

Junior Achievement is a world-wide organization dedicated to giving young people the knowledge and skills they need to succeed in a global economy through programs which help them to develop their knowledge and skills in the areas of work readiness, entrepreneurship and financial literacy (more information at http://www.ja.org).

We use the program of Junior Achievement called JA Firm. This program enable our students (aged about 17 years) to set up their own business companies which are not fictive but real ones (within the net of Junior Achievement). The real activities enable the students to understand the issues of running a real company during the process of setting up, running and closing the company all the steps are real and students use the real money and produce and sell a real product.

As the products of the JA companies are real, they must be very well feasible. As examples of the JA companies products, we can mention (a cup situated in a car full of special napkins a product which was really interesting for a famous car manufacturer), or calendars made for school classes or one-day trips to interesting places abroad to offered by "travel agency".

To improve motivation among students there is a national contest in the area of these JA student's companies in Prague at the end of every school year where all JA companies have their own stands and can introduce their products to the public including possible investors (real companies). There are also organized real trade fairs where students can show their JA companies and share their entrepreneurial experience.

JA companies are run by students of our branch of study of management of tourism - at school within the lessons of Applied Economics and this school subject is divided into two groups (two student's companies) and implies one lesson a week for each group.

The role of the teacher is to help the students to find the answers of issues and to help them to organize their attendance at the fairs and national contest. This school subject is planned so that each JA company (which consists of about 10-15 students) could have their own lessons, not being disturbed by activities of other JA companies students.

Our school must pay a very small fee (about 2 Euros per a student) to the Junior Achievement Organization per year. We cooperate with the local branch of JA called JA Czech Republic. This fee is really a symbolic one as our students get so much back: a JA consultant is available, JA provides the head masters of each JA company with workshops in presentations skills and fair skills and various materials are available.

Teaching this project means a bridge between formal and informal education where students can practice real situations related to entrepreneurship, dealing with a real product and with real money. Students need to find funds and sponsors who can provide them with the capital necessary to start the production activities. Then the product promotion is needed to improve its feasibility and the product sale is also needed to recover the money invested.

The running of this real company helps students to develop their entrepreneurial spirit by developing their skills in the area of creativity, business and presentation skills, cooperation and bring their theoretical

knowledge into practise.

Phases of development:

Application and undersigning a contract

Before the beginning of all activities, a contract must be undersigned between a local JA organization and the school (represented by its head teacher). The contract is delivered to a school by the local JA organization after submitting an on-line application form (on the website of the local JA organization). The contract includes all the conditions of their cooperation.

Setting up of a JA company

1. Creation of the company

At first students must decide about the name of their JA company, the branch of their interest, the logo of the company and its legal form. After that they register their company with the local JA organization. Then the most important phase comes: brainstorming about the product (or more products) which they want to invent, create and sell. The students must be careful when deciding, as the products must be feasible (the project works with the real money)!!! Then the students must divide their work positions and responsibilities according to the following structure of their company:

- Headquarters
- Trade and promotion department
- Production department
- Human resources and legal department
- Accounting department

Running of a JA company

Students can start all the work with planning and producing their products, their promotion, and all the paperwork connected to the legal issues etc. They run the JA company during one school year themselves (under the supervision of their teacher). There are some workshops provided by the JA organization for the managing directors (group leading students) during the school year such as a workshop in presentation skills etc. At the end of the school year there is a national contest in Prague to choose the best JA companies.

The students (with their teacher) also take part in trade fairs of JA companies where they can promote their company and get important experience for their future work life.

The activities of JA companies during the school year include activities such as:

- Manager training for the presidents
- Business plan making (marketing research, competition analyses)
- Plan making of each department
- Fundraising
- Development and production of the product
- Product promotion
- Product sale

Closing of a JA company

Before the end of the school year, all the activities of the JA company must be finished and the JA company is closed no matter what the result of their economic activities is if the student's company is closed with a profit or a loss. The both possible results are of benefit to the student's work experience.

The activities of students before the JA company closing include activities such as:

- Final personal interviews
- Financial statement
- Annual report

And on the base of all the real results (loss or profit; investors and customers interested or not, the quantity of remaining unsold products etc.), the students can see how feasible their company is. This should bring them such an important insight into a practical life!

Problems to pay attention to when developing the different stages

There is a new fee charged - about 300 Euros, for the attendance at the Prague's fair and the national contest. This fee has been introduced this year and may be the reason why our two companies will not participate in the national contest.

We will observe what the situation with this new fee is like in the following years and we may have to adapt our project to continue without the attendance at the national contest.

Conclusions

Taking part in this very practical and creative work, students get self-confidence which is so important for their future work life. The students can see how a real company works, what steps are necessary to be taken during the process of setting up, running and closing a company and they can benefit of applying their theoretical knowledge of economics, law, marketing and management and other school subjects into practice. The cooperation between students is highly necessary. During this project students work and learn about the importance of cooperation, responsibility and team work.

During the attendance at the trade fairs or the national contest, students can train their professional behaviour when promoting their real products among the visitors of their stand. But what more! Students can see if they behave professionally enough just at the phase of fundraising when they personally go to see various potential sponsors doing all the necessary fundraising activities! The feedback is so visible! If they do not promote their company and its products convincingly enough, they will not get enough financial resources from sponsors and then they must be creative in some other ways to fundraise the rest of the necessary financial resources!

This practical experience of running of a real company (within the JA network) can help students to create their entrepreneurial spirit as with all the obtained experience, they have the necessary knowledge, skills and abilities to be able to run their own company in their future work life.

Attachments

Evidences that the practice works:

Quantitative: indicators of results, if any (figures, graphs,...)

Qualitative

ENTREPRENEURSHIP IN SCHOOLS - CREATING NEW OPPORTUNITIES IN TEACHING AND EDUCATION - Example of good practice

School:	Country:
Academia Mercurii	Czech Republic
Field:	Title:
Learning methodologies	MOCK COMPANIES

Summary/description (500 characters):

Mock companies are companies set up by students of our school (aged about 17 years). They are virtual (fictive) companies but with all the steps required in the process of setting up, running and closing a real company.

The products of the mock companies are also virtual but they must be feasible. As examples of the virtual products, we can mention virtual products of coffins and other funeral services in case of a virtual funeral company or fictive language courses in case of a virtual language courses agency.

To improve motivation among students there is a national contest in the area of these mock companies and teachers do not evaluate the students in order to maintain the neutrality of the competition. All the evaluation is done by an external company which provides the mock companies with a special computer system (Internet open space within their web page) where all the steps of trading and accounting are carried out. Mock companies of different schools can buy and sell virtual products of the other mock companies there so it is possible to follow the feasibility of each company and its economical evolution. Our school must pay a small fee to the external company for using of this Internet open space and their evaluation of the mock company. We use the organization of CEFIF which is a member of world-wide organization EUROPEN-PEN international (practice website: enterprises network) available on the

http://www.penworldwide.org.

There are also organized real trade fairs where students can show their mock companies and share their entrepreneurial experience.

Mock companies are prepared by students of our branch of study of economic lyceum - at school within the lessons called: Fictive Firms and this school subject implies two lessons a week.

The simulations of real companies help students to develop their entrepreneurial spirit by developing their skills in the area of creativity, business skills and cooperation and bring their theoretical knowledge into practise.

Phases of development:

Setting up of a mock company

At first students must decide about the name of their mock company, the branch of their interest, the type of products intended to be sold, the logo of the company, the work positions and responsibilities of each student. They must divide their work positions and responsibilities according to the following structure of the mock company:

- Headquarters
- Trade and promotion department
- Human resources and legal department
- Accounting department

Then the students in cooperation with the head teacher conclude a contract with the provider of the open space computer system of CEFIF.

Running of a mock company

Students can start all the work with elaborating their virtual products, their promotion, all the paperwork connected to the legal issues etc. They run the mock company during one school year, using the open space computer system for selling their products to other mock companies in our country and abroad (if they wish) and for purchasing products of the other mock companies in the system. They must carry out in the system all the necessary operations of accountings of all those transactions. The students are not evaluated by their teacher but by the company of CEFIF (the provider of the computer system) which provides them also with the feedback. Their teacher only checks if the students work and carry out all operations on time. The students (with their teacher) also take part in trade fairs of mock companies in our country where they can promote their mock company and get important experience for their future work life.

Closing of a mock company

Before the end of the school year, all the virtual activities of the mock company must be finished and the mock company is closed no matter what the result of their economic activities is if the mock company is closed with a profit or a loss. The both possible results are of benefit to the student's work experience.

If the mock company meets all the requirements of the CEFIF system (all the transactions are accounted on time and properly), then all the students taking part in the mock company get certificates. The certificate confirms their work position in the mock company and certifies their ability to work with excellent results (the ability of using the theoretical knowledge in professional experience).

Problems to pay attention to when developing the different stages

Conclusions

Taking part in this very practical and creative work, students get self-confidence which is so important for their future work life. The students can see how a real company works, what steps are necessary to be done during the process of setting up, running and closing a company and they can benefit from applying their theoretical knowledge of economics, laws, marketing and management and other school subjects into practice. The cooperation between students is highly necessary so during this project work students learn about the importance of cooperation, responsibility and team work. During the attendance at the trade fairs, students can train their professional behaviour when promoting their virtual products among the visitors of their stand.

This practical experience of running of a mock company can help students to create their entrepreneurial spirit as with all the obtained experience, they have the necessary knowledge, skills and abilities to be able to run their own company in their future work life.

Attachments

Evidences that the practice works:

Quantitative: indicators of results, if any (figures, graphs,...)

Oualitative

Guide of a feasible entrepreneurial project - Concretion of the guidelines for the development of an entrepreneurial project (návod, jak realizovat uskutečnitelný podnikatelský projekt: kroky potřebné k uskutečnění úspěšného podnikatelského projektu a zároveň autoevaluace udržitelnosti podnikatelského záměru)

Concretion of the guidelines for the development of an entrepreneurial project

(More than 50% implies feasible project)

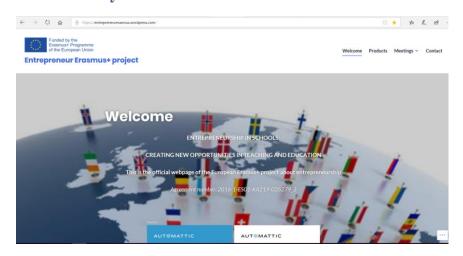
Previous	Nothing	Little	Quite	A lot	Punctuation
actions	Very low 1	Low 2	High 3	Very high 4	action by action
actions	very low i	LOW 2	Ingn 5	very mgn 4	•
CI 1: 1	TDI :	TTI .	TD1 1.	7D1 1	(1-4)
Choose a solid	There is no	They get some	They are used to	They work	
team.	interaction among	results from time	working in groups.	cohesively and	
	them. They work	to time.		find solutions for	
Malananad	individually.	0-1	Instantianta d	the problems.	
Make a good SWOT analyses.	It is not done properly, only	Only some items deeply	Investigated deeply, but some	Done properly. A lot of information	
SWO1 allaryses.	superficially. Few	investigated.	details are missing.	is recorded.	
	items investigated.	mvestigated.	details are illissing.	is recorded.	
Business plan that	It is not done	Only some items	Investigated	Done properly. A	
includes a market	properly, only	deeply	deeply, but some	lot of information	
research.	superficially.	investigated.	details of market	is recorded.	
rescuren.	Market research is	Market research is	research are	Complete market	
	missing.	done but not very	missing.	research.	
	8	well.	8.		
Create a road map	It is not done	Aims and	Strategies are clear	The goals are	
(strategical	properly, only	strategies are not	and developed the	SMART (specific,	
planification).	superficially. Aims	clear. Only few	aims, but there are	measurable,	
	and strategies are	activities	not enough	achievable,	
	not definied.	developing the	activities to	relevant and time	
		strategies.	achieve the aims.	bound). Strategies	
				are specific and	
				there are enough	
				activities.	
Plan a budget for	Budget is not	Budget is planned	Budget is planned	Budget is done	
your project and	planned properly.	but some details	with almost all the	perfectly with a lot	
how to get the	No ideas about	are missing. The	details but is not	of details. The way	
capital.	finding funds.	ways to get the capital are not	completed. The way to get the	to get the capital are clear and	
		realistic.	capital could be	feasible.	
		Teansite.	possible.	icasioic.	
Share	The organization	The organization	The organization	The organization	
responsabilities	structure is not	structure is defined	structure works but	structure is well	
and divide the	defined.	but responsibilities	some	defined.	
project in smaller	Responsibilities	are not shared	responsibilities are	Responsibilities	
ones. (organization	are not shared.	properly.	not distributed	are shared	
structure).			properly.	properly.	
Companies	The company	The company	The company	The company	
identity (logo,	identity is not	identity is partially	identity is defined	identity is well	
name, motto,	defined.	defined but some	but some items are	defined and the	
vision, legal form		items are missing	not very well	items correspond	
and so on).			developed.	to the aims of the	
T' 1' 1	C I'v'	0.1.6	TTI .	company.	
Finding out about	Conditions are not	Only few	The most	All the conditions	
conditions: laws,	taken into	conditions are	important	are taken into	
rules, certificate,	consideration.	taken into account	conditions are	account.	
permission.		but not the	taken into account		
		important ones.	but some are missing.		
	l	<u> </u>		Pravious Actions"	
Total Punctuation "Previous Actions"					

During project	Nothing	Little	Quite	A lot	Punctuation
implementation	Very low 1	Low 2	High 3	Very high 4	action by action
					(1-4)
Set progress	There are no	The guidelines are	The guidelines are	The guidelines are	
reporting	guidelines and the	not clear. The	clear but the	clearly defined.	
guidelines and to	control is not done.	control is not done	control is not done	The control of the	
control the project development.		properly.	properly.	project is well done.	
Be aware of	No risks are taken	Only few risks	Almost all risks	All risks have been	
possible risks.	into account.	have been	are taken into	considerated.	
		considerated but	account.		
		not the important			
Acknowledge and	There is no	ones. Some goals are	Most of them are	There is a full	
publish the small	dissemination of	published but	published and	dissemination of	
goals achieved.	the goals achieved.	sometimes not in	acknowledged.	the goals achieved	
		the right way.		and it is done	
				properly.	
Foster shared	Responsibilities are not shared	The shared	Leadership is shared but	Leadership is fully shared and	
leadership and responsibilities.	within the	leadership is defined but	responsibilities are	responsibilities are	
responsionities.	management staff.	responsibilities are	not distributed	distributed	
		not shared	properly.	properly.	
		properly.			
Use of the new	New technologies	Some new	New technologies	New technologies	
technologies and social media for	and social media are not used.	technologies are used but not	are used but not enough; promotion	and social media are used properly.	
the developing and	are not used.	enough; not	is done through	are used property.	
promotion of the		enough promotion	social media.		
project.		is done through			
		social media.			
Motivate the staff. Promote an	Staff are not	Some members of	A greater part of	Staff are satisfied	
optimistic and	satisfied with the atmosphere nor	the staff are satisfied and	the staff are motivated and	with the atmosphere and	
positive working	motivated with any	motivated.	satisfied with the	motivated due to a	
atmosphere.	plan.		atmosphere.	specific plan.	
Quality control	There is no quality	The quality control	The quality control	The quality control	
(budget, aims,	control.	is not done	is done. Some	is done properly.	
production, services and so		properly. Only a few parts are	parts are missing.	All parts are checked regularly.	
on).		checked.		checked regularly.	
Training for	No training is done	Only some training	Training is done.	Training is well	
employees to get	nor planned.	is done. The	Some activities are	planned and done.	
some skills.		activities are not	not suitable.	Activities are	
		suitable.		proper.	
Total Punctuation "During Project Implementation"					

Project	Nothing	Little	Quite	A lot	Punctuation
Evaluation	Very low 1	Low 2	High 3	Very high 4	action by action
					(1-4)
Feedback of	There is no	Some research is	Research is done	Research is done	(1 .)
customers and	research to get	done but	but the feedback is	and the feedback is	
employees	feedback.	questionnaires,	not used for further	used for further	
(questionnaires,		interviews and	actions.	planning.	
interviews, surveys		surveys are not			
and so on).		well structured.			
Measure the	Profits are not	Profits are not	Profits are	Profits are	
profits of the	measured.	measured in a	measured but the	measured and	
project.		proper way.	management team	further actions are	
			do not take it into	planned.	
			consideration.		
Progress	There are no	There are only few	The progress	The progress	
indicators.	progress	progress indicators	indicators are	indicators are	
(number of	indicators.	and/or they are not	measured but the	measured and the	
supplied products		measured in a	data is not used for	data is used for	
or services)		proper way.	the project	the project	
			improvement.	improvement.	
Market share.	The information	Only little or not	The market share	The market share	
	on the market	relevant	is investigated but	is investigated and	
	share is not	information is	the data is not used	the data is used for	
	searched.	found.	for the project	the project	
· · · · · · · · · · · · · · · · · · ·	m ·	0.1.11.1	improvement.	improvement.	
Impact on the local	The impact is not	Only little or not	The impact is	The impact is	
community,	examined.	thorough	investigated but	investigated and	
society and		examination is	the data is not used	the data is used	
environment.		done.	for the project	for the project	
Measure the	Th. 1. 1	Ti	improvement.	improvement.	
	The development	The company	The company	The company	
development of the	is not measured.	development is	development is measured but the	development is measured and	
company.		not measured in a	measured but the management team	further actions are	
		proper way.	do not take it into	planned.	
			consideration.	prainicu.	
	l	T- 4		voicet Explantian?	
Total Punctuation "Project Evaluation"					

TOTAL PUNTUATION OF THE PROJECT	

Webová stránka projektu https://entrepreneurerasmus.wordpress.com/ – ukázka úvodní strany



Schools involved in the project

Introductio

This project is meant to be a follow up of the work and results obtained in the previous project "Preventing dropping out: steps to success towards the European benchmarks'. Surveys conducted to families and students in five different countries showed the importance of methodology as a motivation tool to prevent students' early leaving. Moreover, orientation and guidance were also considered to nlaw a kery rule

The schools which took part in the partnership consider that the work started in the previous project has not yet finished and that a further step should be taken in order to be able to work on the results obtained. Proposals which involve changes in methodology and in the orientation and guidance service could be implemented and we foresee they would undoubtedly help reducing the rate of students prone to leave the school system.

These proposals will be experimented in the subject of entrepreneurship which all the schools in the partnership consider, not only a cross-curricular area in their own syllabuses, but also one of the most motivating and innovative fields to be developed.

Eventually, the association aims to generate good practices which could be useful in every school taking part in the project. Getting to know what each country is doing in such an issue as entrepreneurship, how it is dealt with, what are the syllabuses of each country, what materials have a fready been developed, etc... will be of great help to all the members of the association. It will undoubtedly be a starting point with the aim of generating a set of didactic material that could eventually be of use to the schools involved.

We also aim to reach those training centers in charge of unemployed young people. One of our aims is to help in the reduction of unemployment which in some of the countries of the association is currently a big problem.

Last, but not least, we also aim to create a network of teachers and school leaders that will survive after the project has arrived to its end. We do believe entrepreneurship is not only a subject to be taught, but also way of behaving and of working. Definitely, an attitude we should transfer to our youngsters in Europe.

Participants:

Academia Mercurii (Czech republic) – <u>website</u>



INS Caparrella (Catalonia) – website





Entrepreneurship In Schools: Creating New Opportunities in Teaching and Education Výsledky projektu o výuce k podpoře podnikatelského ducha žáků středních škol realizovaného středními školami z České republiky, Litvy a Španělska v období září 2016 až srpen 2018

Vydává: ACADEMIA MERCURII soukromá střední škola, s.r.o. (ACADEMIA MERCURII), 2018, Smiřických 740, 547 01 Náchod www.amnachod.cz djarolimova@amnachod.cz

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