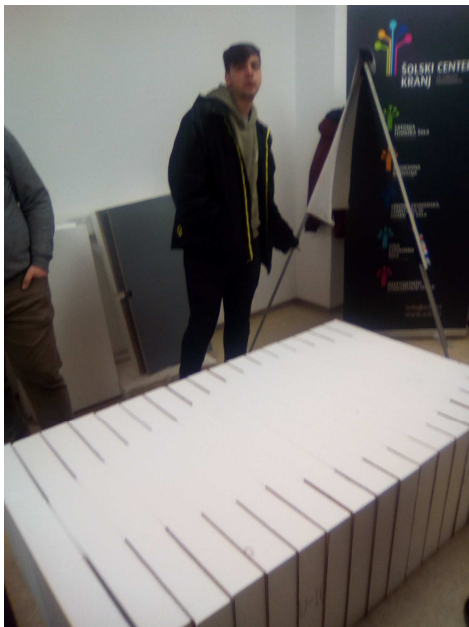
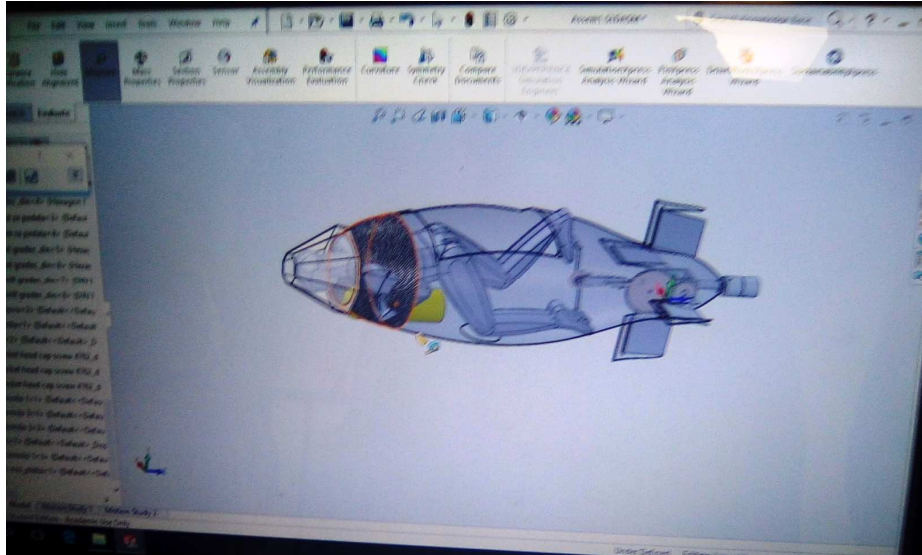


## DAY 4. PROJECT WORKS, DROP OUT PREVENTION AND TECHNOLOGY LESSONS

I was picked up at 8:45 a.m. and taken to the "Solski Centre". I was introduced to one of the teachers of Technology and Mechatronics, Jure Meden. We went to see the construction project of a submarine for one person with students at the last year of Mechatronics, who are about 21 years old. They are designing and constructing a human powered submarine for a competition that takes place in England every two years.

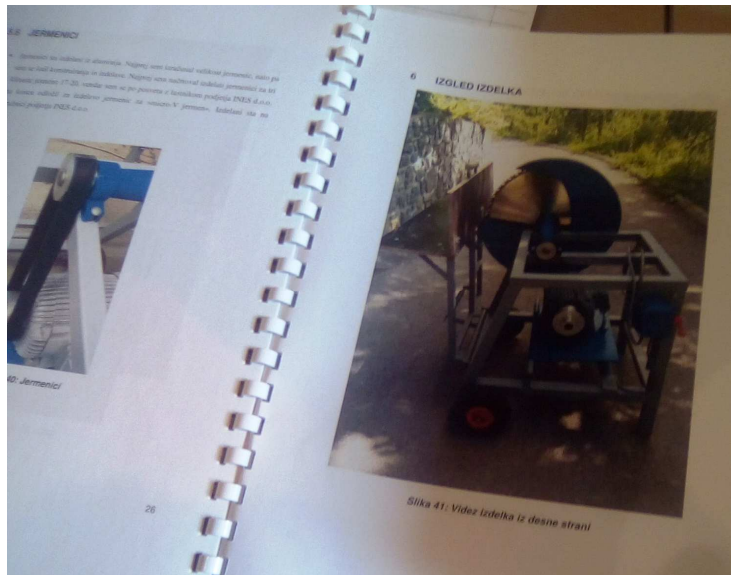


The first step in the construction, consists in making the model. To do this, they have drawn the cross section in carton every 10 centimeters and then put each one on the side of an expanded polystyrene block.

This way, they have the three-dimension shape of the final product.

Later, they will need to empty the polystyrene block, make it a smooth finish, and complete the shape with carbon fibre.

Jure Meden also showed me some projects that have been made by his students. The first step is to think the subject. The teacher helps the student to find the appropriate one. Then the student has to make the project, including the full design, materials, tools, building process, and all the necessary items to build the machine.



As an example of a project, you can see a circular saw, designed and built by a student

Then, he took me to see the mechanized workshops for the First Year students.



In the first two years, the students make the pieces by hand or through manual machines. They don't use electrical or electronic control in order to learn the real processes.

After that, I had a meeting with a teacher, Alenca Potocnik Zadrgal, who has participated in a project: "lowering the drop out levels" in the school. This project is based on five main ideas.

1) The first one consists in creating a "Recreation Room". It is a room with some games like a table football, darts and others, so that they can be used by students and teachers during their free time, not at lessons hours. Teachers can speak to students in a very informal and relaxed way there.

2) Another idea, which is already implemented in IES Gran Via, is creating a mediation group, formed by the headmistress and two more teachers, they also having a

“Mediation Room”. The idea consist in discussing the problems when they happen so that they can be solved in a friendly way.

3) In third place, she has "leaflets". They are folded papers with simple tips to help students with its behavior and motivation.

<p>Za vsakogar mora obstajati nekdo, kateremu tako zaupa, da se mu lahko zaupa, ko mu je težko.</p> <p>Nekdo, kateremu lahko zaupa tudi tiste težave, ki bi jih najrajši izbrisal iz glave, in mu lahko pove tudi to, kar ni povedat lahko.</p>			<p>Ko si preobremenjen... Ko ti v šoli ne gre... Ko ti je težko... Ko doma ni vse v redu... Ko sam ne najdeš rešitve... Ko moraš nekomu povedati...</p>	
		<p>NEKAJ TI MORAM POVEDATI</p>		<p>Včasih je dovolj že to, da nekomu svojo stisko poveš.</p> <p>V ta namen je na šoli skupina učiteljev, ki so še posebej naklonjeni dijakom v stiski.</p> <p>Tukaj smo, da vas poslušamo in podpremo. Kar je povedano, ostane med nami.</p> <p>Maja Arh ~ Ivan Brajdič ~ Romana Debeljak Nataša Gazvoda ~ Magda Papič ~ Uroš Sterle Klavdija Stropnik ~ Iva Šober Alenka Potočnik Zadrgal</p> <p>O nas si več preberi na: <a href="http://crocoos.sckr.si">crocoos.sckr.si</a></p>

4) In fourth place, she proposes a form with the title "How to be a successful student". It must be fulfilled by the student and help the teacher to find potential problems or to recognize persons in need.

### HOW TO BE A SUCCESSFUL STUDENT

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

I CAME TO THIS SCHOOL BECAUSE:

\_\_\_\_\_

I AM FILLING THIS FORM BECAUSE:

\_\_\_\_\_

I WILL CHANGE / IMPROVE:

\_\_\_\_\_

**Things necessary form y success:**

- I am active in class.
- I do my homeworks.
- I pay attention in class.
- I behave with respect.
- I form my own goals.

\_\_\_\_\_

\_\_\_\_\_





\_\_\_\_\_

Due date? \_\_\_\_\_

I would also like my teacher to know: \_\_\_\_\_

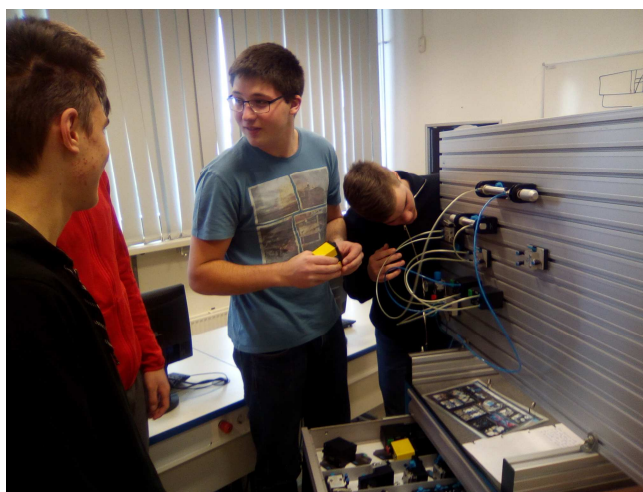
Signature of the student: \_\_\_\_\_

5) And finally, in fifth place, she proposes a paper called "Time management for tests". It is a chart where the students write down their exams and the time needed to study. She says that it is a good idea for the students to organize their time, specially in the lasts years.

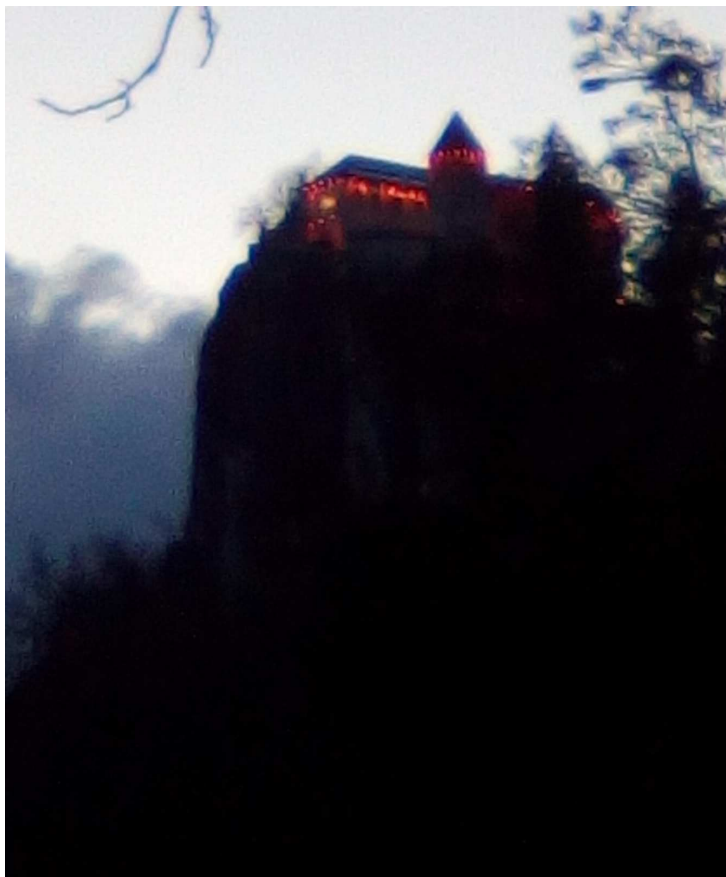
   					
<b>TIME MANAGEMENT FOR TESTS</b>					
<b>MAJ 2016</b>					
Day	Subject - test	Studying (subject, modul, contents)	Did I do it?	Passing grade? (YES/NO)	Party Relax
19. (ČET)					
20. (PET)					
21. (SOB)					
22. (NED)					
23. (PON)					

After lunch, I met Jure Medem again to take part in a Technology lesson with students of the last grammar year (19 years old). First, we saw a typical lesson of Thermal machines, and before ending, we saw a video about the graduation ceremony in Kranj, where students of the four schools in the Solski Centre participate. It is interesting to see how they go in a row along the streets of Kranj, and finish with a dance.

In the endl, we went to a Technology lesson with third year students of Grammar (18 years old) and we did a practical lesson of pneumatics.



When we finished, and taking advantage of the first sunny day in the whole week, Nataša and Katarina helped me to make a trip to Bled, where Lake Bled is surrounded by Slovenian Alps.



There is a castle built in the eleventh century

More than 1000 years of history!