



Erasmus+



Erasmus+ project
2018-1-PL01-KA229-051240

Little steps make a big difference.
Together, we care for our home. 

JANUARY 2019 – Humenne / SLOVAKIA

Sunday

It was time to fly Slovakia . Everybody in our group was excited because it was our first trip to Slovakia . Firstly , we took bus from Tefenni to Antalya . Time came and we were ready for flight . Our route was İstanbul ,Turkey and then Kosice .We arrived in İstanbul at 15.35 . We waited there for 4 hours for our flight . It was 19.40 when we got to Kosice . A man was waiting for us at the airport to take us to the Humenne . Our first impression about Humenne was very good . Because it is surrounded by trees and it has a great nature . It is also a silent and peaceful city . Everybody was tired and we went to our rooms .



Monday

We had a visit to the school , Zakladna Skola Dargovskych Hrdinov 19 066 68 and after a short walk we were at school . First, we went to school hall for welcome ceremony . We watched presentations prepared by Slovakian students and wonderful Slovakian traditional folk dances by professional dancers . Then , the teachers from all groups came together in Science Teacher's room and we , students , went to see classes followed our guides . During the visit to school we got information about school's activities . We got pleasure with all of these new informations . We met with other students and made good friendships .Then , it was time for lunch at school canteen . After our lunch at school canteen , we had a short break to talk with teachers and students. Now , it was time for new useful informations on water cycle , water pollution and ecological footprint . We got pleasure with all of these new informations . Finally , we turned back to hotel and after short rest we had our dinner .After dinner , we went our rooms to have a sleep for start a new workshops , visits and new informations next day .









Questionnaire before/after teaching the unit - Ecological footprint

Choose only one answer (YES = I agree, NO = I disagree, IDK = I don't know)

1. The Earth supplies are the natural resources consumed by people for their needs.
2. The Earth's natural resources are limitless
3. People consume more natural resources than the Earth can provide
4. The ecological footprint examines whether our planet is large enough to fit all its people
5. Biocapacity indicates the available amounts of the planet's natural resources
6. The ecological footprint is measured in specific land areas called hectares
7. Fishing areas are not included in the ecological footprint
8. A high ecological footprint indicates that people protect the environment and the planet.
9. The world's ecological footprint has exceeded 1,5 planets
10. EU members states have a high ecological footprint and depend immensely on other countries' natural resources
11. The ecological footprint may be reduced through environmental awareness raising



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Tuesday

Good Morning everybody ! It is 7 o' clock and we are ready for the new day and its surprises ☺ We had breakfast at 07.45 am. And then we took on bus to visit the water treatment plant Humenne . Firstly , we had great information on this center and water cycle , we got pleasure with all of these new informations . And then we had guided tour through the Center and its major attractions .It was the first time for us to see how dirty water got to be clear enough to even drink it from tap at homes. After wonderful sightseeing at water treatment plant Humenne , we took bus to Kosice , second biggest city in Slovakia . Our first stop was at a cathedral, We bought our tickets and then we had guided tour through the magnificent cathedral , Waoww we were very excited. We got a lot of important information from our guide about all details of this cathedral.After guided tour in cathedral , we started to climb to cathedral tower , there were too many stairs and when we reached the top of the tower we were all tired but we think it is worth experiencing.After wonderful panorama from the tower , we walked in the city and visited the Muzeum of Kosice .All countries went to the shopping mall , We went to a big and an interesting reataurant to have lunch . After lunch we were free to walk around and to do shopping , especially for some souvenirs. Finally we got on the bus and turned back to Humenne , to the hotel.After dinner at hotel ,we went our rooms to have a rest and sleep for start a new visits and new informations next day .

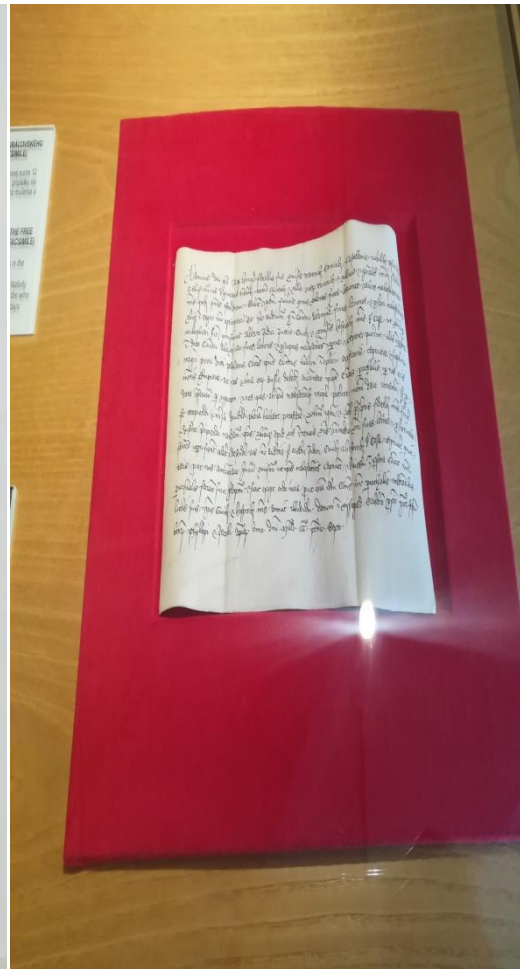
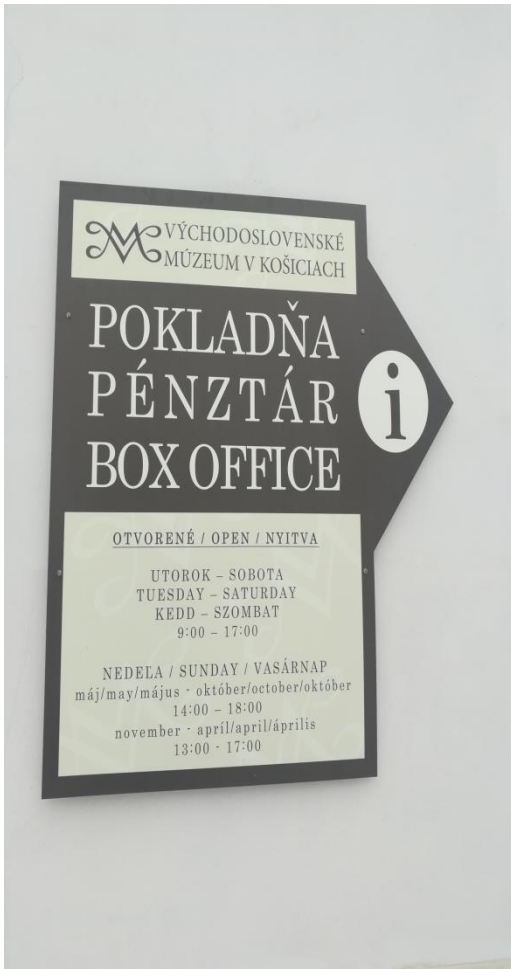












Wednesday

Day started with a good breakfast. After a short chat with other groups while drinking coffee, we walked to school to start another exciting open lesson in Science classroom. After that, we attended workshop on STEM learning and got new informations how to prevent flooding. we all got usefull tips to use. We were so pleased these all wonderful informations. Then, it was time for lunch at school canteen. After our lunch at school canteen, we had a short break to talk with teachers and students. Now, it was time for new useful informations on cleaning the ocean and new tips and useful tips for STEM learning. After these learnings, Mr. Miroslav and Mrs. Jana presented short descriptions of important places of Starina and Domasa, primary and secondary source of drinking water of east Slovakia. We got pleasure with all of these new informations. Then, all groups took a short way for visitting great Muzeum of Humenne. Finally, we turned back to hotel and after short rest we had our dinner. After dinner, we went our rooms to have a sleep for start a new workshops, visits and new informations next day.







Objekt je strážený
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Vihorlatské múzeum Humenné



Prešovský samosprávny kraj, Vihorlatské múzeum v Humennom a FotoKlub Reflex Humenné

Výstava fotografií členov FotoKlubu

Reflex

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Prešovský samosprávny kraj
Vihorlatské múzeum v Humennom

Kaštieľ

v zrkadle času

úzejne noviny

OBJAVIŤ SI SKUPINU, ZACHOVIŤ A PREZERVUŤ

www.muzeumhumenne.sk

KULTÚRE DEJČATVO - ČERTY LEJNOU PRE RÍŠU BUDUČNÝ

www.muzeumhumenne.sk

Thursday

It was early again to have a bit long journey. But I think it is worth experiencing . Because we were going to visit amazing Starina and Domasa water barriers , primary and secondary source of drinking water of east Slovakia . Waoww we are very excited ☺ After breakfast we got on the buses to start our amazing journey. We are in Domasa in the end ☺ We began to walk around on the Domasa barrier .It was freezing cold but worth experiencing because it was the first time for us to be on such a wonderful and big barrier.After ,we visited a place which generating electricity from water . We got a lot of important information from our guide about all details of this unit of the barrier . We saw big generating electricity machines . We were so pleased these all wonderful informations .Then , we took on bus to Starina Barrier , it was also worth experiencing to be there.We had guided tour there. Waoww , it was wonderful ☺ Finally we got on the buses and turned back to Humenne , to the hotel. It was the last day as being alltogether .Because after our tour today, we , Turkish Team , were going to leave in the early morning . It was a sad time ☹ We liked eacother very much and we hope to see them all soon . We had our dinner at hotel with all groups and after dinner we played traitional games with other countries . After games , we huged and kissed all countries and said good bye but it was sad time for us and we went our rooms to have a sleep for tomorrows long journey . See you all sooner .







VODNÉ DIELO STARINA

Hlavným účelom vodného diela je :
 a - zabezpečiť pitnú vodu do Východoslovenskej v dárenskej sústavy
 b - znížiť povodňové prietoky
 c - zabezpečiť minimálne prietoky na Cirocho pod nadrtou

Hydrologické údaje :
 Plocha povodia : 125,81 km²
 Priemerný ročný prietok : $Q_a = 1,84 \text{ m}^3 \cdot \text{s}^{-1}$
 N - ročné vody $Q_{100} = 250,0 \text{ m}^3 \cdot \text{s}^{-1}$

Charakteristika vodného diela:
 Typ hrádzte : rezná, sypaná

Parametre hrádzte - výška :	50,00 m	Tatopaná plocha :	281,00 ha
dĺžka :	345,00 m	Kóta koruny hrádzte :	345,00 m n. m.
šírka :	7,00 m	Kóta dna nádtie :	295,00 m n. m.
Max. prevádzková hladina :	340,00 m n. m.	Max. povolený odber :	1 400 l · s ⁻¹
Min. prevádzková hladina :	309,60 m n. m.		
Max. retenčná hladina :	343,00 m n. m.		
Objem - celkový :	59,00 mil. m ³		
stĺby :	6,02 mil. m ³		
izobný :	45,05 mil. m ³		
retenčný :	8,73 mil. m ³		

PRIEČNY REZ HRADZTOU



- 1 ŽELEZNÁ SYPANÁ HRADZA
- 2 TESNIACE JADRO
- 3 DVOJVRSTVOVÝ FILTER
- 4 PREDHRADZKA

- 5 KAMENNÁ PÁTKA
- 6 KAMENNÁ NABAZDKA
- 7 PODOLIE ILOVCE, PIESKOVCE
- 8 INJEKČNÁ STUŽKA, INJEKČNÁ CLONA







Rukiye TOKMAK – Şerife ÇETİN – Mücahit TUNCER – Abdurrahman KIRLI