

**Akademickie
Centrum Kreatywności**



**UNIWERSYTET
JAGIELŁOŃSKI
W KRAKOWIE**

Wydział Fizyki, Astronomii i Informatyki Stosowanej

Introducing learners' interest into classroom

Ana Gostinčar Blagotinšek
University of Ljubljana
Faculty of Education

*University of Ljubljana
Faculty of Education*



Outline

- Some facts about primary (elementary) school in Slovenia
- Special organisation of the programme to suit learner needs and interests
- Special adaptations of realization of the programme
- Out of school activities to supplement the school programme

Facts about Elementary school in Slovenia

- Compulsory
- Duration 9 yrs (ages 5 – 15)
- Organised in three trienniums (3 x 3 yrs)
- 35 weeks/year: Mo – Fr (95%)
- 1 lesson = 45 min
- Maximum 28 pupils/class

- Programme uniform – subject to National curriculum

National curricula for elementary school

Subject/lessons per week	year								
	1.	2.	3.	4.	5.	6.	7.	8.	9.
SLOVENIAN L.	6	7	7	5	5	5	4	3,5	4,5
MATHEMATICS	4	4	5	5	4	4	4	4	4
FOREIGN L.				2	3	4	4	3	3
FINE ARTS	2	2	2	2	2	1	1	1	1
MUSIC	2	2	2	1,5	1,5	1	1	1	1
SOCIETY				2	3				
GEOGRAPHY						1	2	1,5	2
HISTORY						1	2	2	2
PATRIOTIC AND CIVIC CULTURE & EDUCATION AND ETHICS							1	1	
ENVIRONMENT	3	3	3						
PHYSICS								2	2
CHEMISTRY								2	2
BIOLOGY								1,5	2
SCIENCE						2	3		
SCIENCE AND TECHNOLOGY				3	3				
TECHNOLOGY						2	1	1	
HOME ECONOMICS					1	1,5			
SPORT	3	3	3	3	3	3	2	2	2
OPTIONAL SUBJECT 1	2/1			2/1	2/1		2/1	2/1	2/1
OPTIONAL SUBJECT 2				1	1		1	1	1
OPTIONAL SUBJECT 3						1	1	1	
TOTAL HOURS	20	21	22	24	26	26	29,5	30	30
CULTURE DAY	4	4	4	3	3	3	3	3	3
SCIENCE DAY	3	3	3	3	3	3	3	3	3
TECHNICAL DAY	3	3	3	4	4	4	4	4	4
SPORTS DAY	5	5	5	5	5	5	5	5	5



Optional subjects

OPTIONAL Subjects	year								
	1.	2.	3.	4.	5.	6.	7.	8.	9.
1st FOREIGN LANGUAGE	2								
2nd FOREIGN LANGUAGE							2	2	2
2nd FOREIGN LANGUAGE or FINE ARTS, COMPUTER SCIENCE, SPORT, TECHNICS				2/1	2/1	2/1			

Compulsory Optional Subjects

- Grades 7 - 9
- Pupil chooses 2 h/week (3 with parents consent)
- School has to offer at least
 - 3 subjects from social sciences pool and
 - 3 subjects from natural sciences pool
- Currently 86 different subjects are approved by Ministry of Education
- Schools decide according to pupils' interest, staff

List of Compulsory Optional Subjects I

Angleščina	Kemija v okolju	Obdelava gradiv: les	Sodobna priprava hrane
Ansambelska igra)	Kemija v življenju	Obdelava gradiv: umetne snovi	Sodobno kmetijstvo
Čebelarstvo	Kitajščina	Oblika in slog	Sonce, Luna, Zemlja
Daljnogledi in planeti	Klaviatura in računalnik	Odkrivajmo preteklost mojega kraja	Srbščina
Državljanska kultura	Klekljanje	Okoljska vzgoja I	Starinski in družabni plesi
Elektronika z robotiko	Kmetijska dela)	Okoljska vzgoja II	Šah
Elektrotehnika	Kmetijsko gospodarstvo	Okoljska vzgoja	Šolsko novinarstvo
Etnologija - Srečanje s kulturami in načini življenja	Latinščina	Organizmi v naravi in umetnem okolju	Španščina
Etnologija - Sodobnosti z razsežnostmi dediščine	Likovno snovanje I	Ples	Šport za sprostitev
Filozofija za otroke	Likovno snovanje II	Poskusi v kemiji	Šport za zdravje

List of Compulsory Optional Subjects II

Francoščina	Likovno snovanje III	Projekti iz fizike in ekologije	Turistična vzgoja
Genetika	Literarni klub	Projekti iz fizike in tehnike	Varstvo pred naravnimi in drugimi nesrečami
Geografija	Ljudski plesi	Računalništvo	Verstva in etika
Glasbena dela	Logika	Rastline in človek	Vezenje
Glasbeni projekt	Madžarščina	Raziskovanje domačega kraja in varstvo njegovega okolja	Vzgoja za medije: radio
Gledališče in drama	Makedonščina	Raziskovanje organizmov v domači okolini	Vzgoja za medije: televizija
Gledališki klub	Matematična delavnica 7	Raziskovanje domače okolice)	Vzgoja za medije: tisk
Hrvaščina	Matematična delavnica 8	Retorika	Zvezde in vesolje
Informacijsko opismenjevanje	Matematična delavnica 9	Risanje v geometriji in tehniki	Življenje človeka na Zemlji
Italijanščina	Način prehranjevanja	Robotika v tehniki	Življenje, upodobljeno v umetnosti
Izbrani šport	Nemščina	spremembe	Sodobna priprava hrane
Kaj nam govorijo umetnine	Obdelava gradiv: kovine	Romska kultura	Sodobno kmetijstvo

Differentiation

- Intended to best suit individual pupil's ability and interest
 - **Internal** differentiation (all subjects, all grades)
 - **External** differentiation (Slovenian, Math, 1st foreign language)

Differentiation

- Intended to best suit individual pupil's ability and interest
 - **Internal** differentiation (all subjects, all grades) - obligatory
 - External differentiation (Slovenian, Math, 1st foreign language)

Working in small groups

- Lessons may be organised in smaller groups
- Grades 8 and 9
- Slovenian l., Math, 1st foreign language
- „smaller groups“ may be heterogenous or homogenous (ability, interest, ...)

Science Days

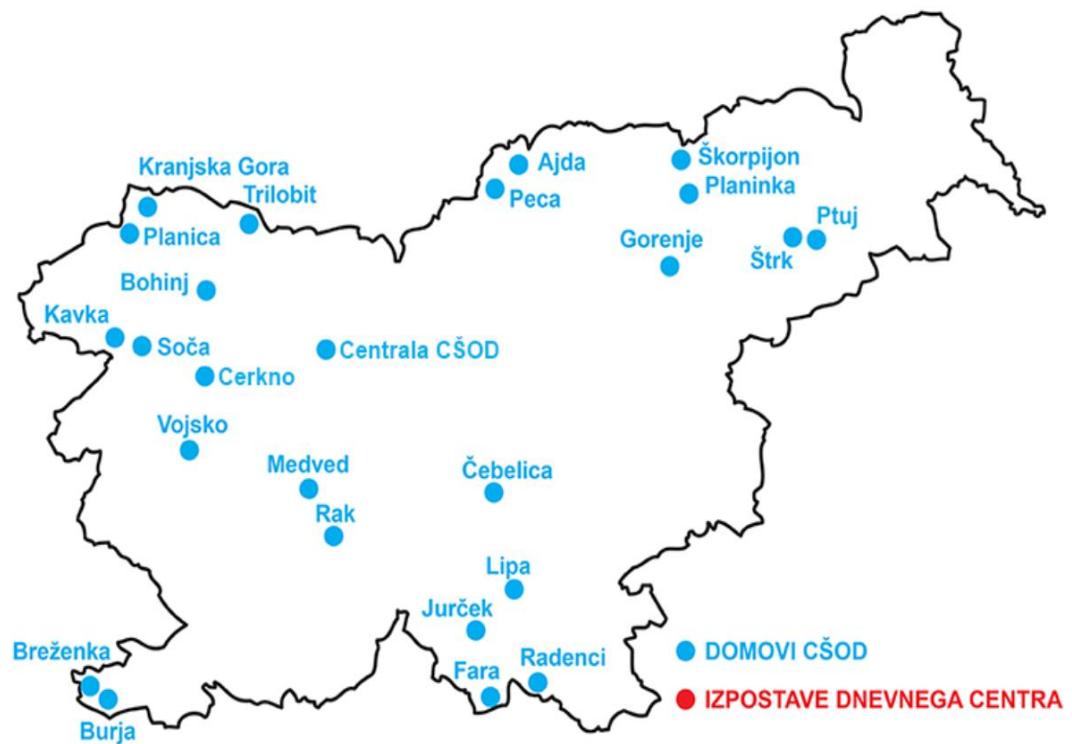
Grade/Days per year	1.	2.	3.	4.	5.	6.	7.	8.	9.
CULTURE DAY	4	4	4	3	3	3	3	3	3
SCIENCE DAY	3	3	3	3	3	3	3	3	3
TECHNICAL DAY	3	3	3	4	4	4	4	4	4
SPORTS DAY	5	5	5	5	5	5	5	5	5

- Duration cca 5 lessons
- Conducted within or outside schools
- On separate days/half days or continuously
- Curriculum related and/or extension topics

Science Camps/School in nature

- Organised outside schools
- Usually a week in CŠOD (3 – 5 x 24 h)
- Science, technical, culture, sports days done continuously and combined

CŠOD – Centres for school and school-related activities



CŠOD (<http://www.csod.si/>)

- Programme financed by Ministry of Education
- Daily, weekly programmes
- Local staff and content
 - Activity in the nature (bi, ch, phy)
 - Sports
 - Culture
 - Projects
 - ...

CŠOD (photos from <http://www.csod.si>)



A young girl in a pink dress is climbing a tall, light-colored utility pole. She is holding onto the pole with one hand and has her legs kicked up. A man in a green shirt and blue jeans stands on a wooden platform at the base of the pole, reaching up towards her. In the background, there's a playground with a slide, swings, and a wooden climbing structure. A woman in a white t-shirt and blue shorts stands further back, holding a yellow bowl. The sky is clear and blue.

Thank you!

Questions welcome!

ana.gostincar@pef.uni-lj.si