





TELŠIŲ ŠVIETIMO CENTRAS

Curriculum (18 academic hours)

"Foreign language learning and teaching based on Neurodidactics theory. Decoding method"

(based on material of Lifelong Learning Programme Grundtvig Partnerships Project "iTongue: Our Multilingual Future" /2013-2015)

Aim: presenting the decoding method based on Neurodidactics theory for foreign language learning and teaching.

Theoretical objectives:

- 1. To introduce the project "iTongue: Our Multilingual Future".
- 2. To present the basis of Neurodidactics theory.
- 3. To present the decoding method based on Neurodidactics theory.
- 4. To show the examples of teaching products made by the project partners.
- 5. To present the results of the research implemented during "iTongue: Our Multilingual Future" project.
- 6. To introduce IT programs "Audacity", "Moovly", "Movie maker" and needed equipment.

Practical objectives:

- 1. To teach to use computer programs "Audacity", "Moovly", "Movie maker".
- 2. To teach how to make audio-visual product used for learning with decoding method.

Competences expected:

- 1. New attitude towards foreign language learning and teaching, based on both Neurodidactics knowledge about learning process itself and usage of IT.
- 2. Deepening IT usage competences for language learning.
- 3. Foreign language communication competence.





Steps	Content aim	Methods and tools	Results	Time	Additional material
1st day.					
Step 1.	Presenting lecturers, setting expectations and presenting the program (overview of the content and aims).	Possible methods: learners self-presentation, using cards and pictures (each participant takes a card or picture and presents himself, relating picture with him and adds his expectations for this program); shorter method (participant tells his name, occupation and expectations)	Educational program	10 min.	Cards/pictures; board; paper to write expectations;
Step 2.	Presenting project "iTongue: Our Multilingual Future".	Speech/presentation	Project activities and results	20 min.	slides
Step 3.	The aspects of Neurodidactics theory for language learning and teaching based on theoretical material of the project.	Activity to concentrate attention before starting theoretical part. (The leader turns clockwise to the first participant and gives the signal clapping hands and snapping fingers; using the same signals a participant sends them to the next participant and so on. The activity may be repeated doing actions vice versus.) Lecture Activity at the end of theoretical part. (A ball is sent through hands, participants express their emotions after theoretical part) Activity after theoretical part for revision. (A4 format sheets are handed with vertically written word "N-E-U-R-O-D-I-D-A-C-T-I-C-S", the participants think and write a word for each letter, related to Neurodidactics; sheets are hanged in visible space.)	Participants will be introduced to Neurodidactics as science of brain work and the aspects of its theory on language learning and teaching.	60 min.	slides <i>A4 format sheets with</i> <i>vertically written word</i> <i>"N-E-U-R-O-D-I-D-A-C-</i> <i>T-I-C-S"</i> .



Sentence decoding.

Step 4.



from

board,

	Lifelong Learning Programme Grundtvig Partnerships Project								
"iTongue: Our Multilingual Future" (2013-2015)									
	Language decoding metho	d. <u>Lecture</u>	Participants will be	90 min.	Slides, video				
	The main aspects.		introduced to the		"Youtube",				
		V. Birkelnbihl video	main aspects of		paper.				
		https://www.youtube.com/watch?v=2sa0b2ieZMo	language decoding						
			method; will be						
		Practical activity	introduced to the						
		(is explained before decoding method product	project products						
		demonstration: participants write down what was	research results;						
		unusual, different or interesting in an example of	will learn to						
		a decoded sentence.)	decode a						
			sentence; will						
		The example of decoding product, e.g. "Would you	prepare a sentence						
		like to meet for lunch? (Lithuanian – English) or	for further work						
		other.	with IT programs.						
		(The example is discussed in pairs, ideas are							
		written on the board)							
		The review of decoded products, e. g. made by							
		project partners.							
	Presentation of the proj								
	products research results.	<u>results.</u>							
		(The project products research results are							

Sentence decoding, putting words into a table. (the table with a decoded sentence is shown, the

Practical activity: *sentence decoding in a table*. (Participants in pairs chose a sentence for decoding and try to write it in a table. It is recommended to choose a sentence which would

presented)

main principals are explain)





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"iTongue: Our Multilingual Future" (2013-2015)

		be used as learning or teaching example).			
	IT programs used to create	IT programs for decoded products are briefly			
	products based on decoding method.	presented: Audacity, Moovly and Movie Maker.			
	method.	Discussion.			
		(What is your impression? How do you feel? What			
		do you think of this method? And so on.)			
Step 5.	Presentation of IT program	Lecture	Participants will be	90 min.	Microphone, speech
Step 5.	"Audacity".		introduced and will	50 mm.	recorder, computer.
	"Addacity .		learn to use IT		recorder, computer.
	Audio decoding of a sentence	Practical activity: audio decoding of a sentence.	programs		
	(practical activity).	(Participants record decoded sentences using	Audacity and		
		Audacity program)	Moovly.		
			Participants will be		
	Creating audial and visual parts	Practical activity.	able to decode a		
	of a decoded sentence using IT	(Creating audial and visual parts of a decoded	sentence and		
	programs "Audacity" and	sentence using IT programs "Audacity" and	create audial and		
	"Moovly" (practical activity).	"Moovly").	visual parts of the		
			product using IT		
			programs		
			Audacity and		
			Moovly.		
Step 6.	Discussing the 1 st day. Giving	Task for reflection.		30 min.	
	homework details.	(to finish a sentence "This day was because"			
		and read it aloud).			
		Discussion.			
Step 7.	Working at home on their own.			5 h.	
	(To finish the visuals of the				
	decoded product using				
	"Audacity" and "Moovly" or				
	create the new product).				





2nd day.					
Step 8.	Greeting the participants.	Method "Tea party": Retracing the 1 st day.	Participants will	20 min.	
	Retracing the 1 st day.	(The participants sit in two rows facing each other,	retrace the 1 st day		
		the leader gives a question for small talk in pairs	of seminar, will		
		(1-2 mins), claps his hands, pairs change partners	share their ideas		
		(as in speed dating) and the next question is given,	and experience		
		etc. Possible questions:	with other		
		1. How did your morning start? Emotions?	participants, will		
		Dreams?	discuss difficulties		
		2. What was the most memorable in the 1 st	while doing		
		day of the seminar?	homework.		
		3. How was your homework?			
		4. Which part was the easiest?			
		5. Which part was the most difficult?			
		6. What are your expectations for this day?			
		7. What music do you like?			
Step 9.	Finishing of the decoded	Practical activity.		60 min.	
	products made with	Participants use "Audacity" and "Moovly" to finish			
	"Audacity" and "Moovly" using	the decoded products and add musical background			
	IT program "Movie Maker".	using IT program "Movie Maker".			
Step 10.	Presenting created decoding	Presenting created decoding products and		30 min.	
-	products and commenting.	commenting.			
Step 11.	Reflection (Discussing	Discussion. Discussing expectations.		30 min.	Questionnaires, letter
	expectations, questionnaires	Questionnaires. Letters. (participants write a letter			paper, envelopes.
	and letters).	to themselves: What did you memorise during this			
		seminar? What are you going to apply in your			
		practise and life? Letters must be sent 2 months			
		after this seminar, the aim is to remind of this			
		seminar)			





Sources

- 1. Material of Lifelong Learning Programme Grundtvig Partnerships Project "iTongue: Our Multilingual Future" (2013-2015).
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- 3. Crucial study results about age adapted audio learning: not under age 5!
- 4. A Sharp Brain for Live: Proven Ways to Maintain Your Mind and Memories. Rachel Warren Chadd, Reader's Digest AssociationReader's Digest Association.
- 5. Language decoding method acc. to Vera F.Birkenbihl, <u>https://www.youtube.com/watch?v=2sa0b2ieZMo</u>
- 6. Audio decoding: Website of Lifelong Learning Programme Grundtvig Partnerships Project "iTongue: Our Multilingual Future", http://www.itongue.net
- 7. Audio decoding principals
- 8. Free software and manuals for audio and video production Audacity instructions (prepared by Anna Pitt UK).
- 9. Guide & table of how to compose audio decoded language learning material
- 10. Audio-decoding standards
- 11. Samples for:

English speakers

French speakers

German speakers

Hungarian speakers

Lithuanian speakers

Polish speakers

Portuguese speakers

Spanish speakers

Turkish speakers

- 12. iTongue product of Lithuanian partner, <u>https://www.youtube.com/results?search_query=itongue.lt;</u>
- 13. iTongue product of Turkish partner, <u>https://www.youtube.com/watch?v=IRyT_HfENYM</u>
- 14. iTongue product of Swiss partner, <u>http://solidart.ch/content/itongue-notre-futur-multilingue</u>
- 15. iTongue product of Polish partner, <u>https://www.youtube.com/watch?v=ttA1_7IHvvl</u>



