FINAL EXAM TOPICS

KINDERGARTEN EDUCATION BA PROGRAMME

The final exam candidate draws one question from the theoretical topics. The chosen theoretical theme must then be discussed in a brief, consistent way, focusing on the concepts related to the context.

Each theoretical question also includes several related practical tasks, from which the candidate chooses one to be presented in detail as part of the final examination. Preparation time for this is allocated before the exam, including time to prepare the necessary supplementary materials pertinent to the activity. It is not compulsory to bring the supplies needed for each and every question; as an alternative, a presentation with photographs or an audio-visual recording is also acceptable.

I.	Music Education and Methodology		
	Theory		
	Positive transfer effects of music education in early childhood development.		
	Discuss the documented evidence of the positive impact of music training on early childhood		
	development, giving examples of transfer effects on language development and other		
	cognitive skills. Compare the main ideas of Kodály Zoltán's concept of early childhood		
	music education with that of another early music education innovator (e.g. Orff, Montessori).		
	Explain how to choose suitable songs for use in the kindergarten; give sources other than the		
1	internet.		
1.	Practical activities		
	a. Present a music activity plan for preschool-aged children incorporating vocal warm-ups		
	and other playful singing skill practice techniques to promote healthy, clear singing.		
	b. Present a music activity plan for the teaching of a song from the list, utilizing such		
	methods as solmization, pitch-matching, imitation, interval practice, and repetition.		
	c. Choose a rhythmic skill-building activity to plan and teach to preschool children using a		
	song from the list and incorporating rhythmic recitation (ta, ti-ti), clapping or tapping, and		
	rhythmic notation.		
	Theory		
	Integrating music into second language development		
	Characteristics of the young EFL learner. The role of music in teaching English to young		
	learners in a holistic way. Psycho-affective benefits of using songs in first and second		
	language acquisition. Mnemonic value of songs in early language acquisition. Integrating		
	language development with content learning supported by music in early English language		
_	programmes.		
2.	Practical activities		
	a. Prepare a circle time activity plan based on a topic relevant for preschool children aged 3-		
	4. Demonstrate how the different play-based, action-centered activities accompanying the		
	performance of English preschool songs support the holistic development of this age group.		
	b. Demonstrate the mnemonic value of songs in early language acquisition through		
	presentation of a collection of preschool songs. Emphasize the role of rhythm, rhyme		
	scheme, repetitive patterns, symmetrical melodic lines in memorizing words, phrases and idioms.		
	idionis.		

c. Present a circle time activity plan centering around a relevant preschool topic which allows for the inclusion of both circle games in English and Hungarian folk songs and dance. Discuss the advantages of the one person- one language method.

3. Theory

Introduction of classical music to preschool-aged children.

Give specific examples of music composed for children, including dance music, lullabies, program music, and music with a pedagogical purpose. Describe the basic families of musical instruments classified according to the way that the sound is produced when they are played and give examples of each.

Practical activities

- **a.** Present a music activity plan for preschool-aged children featuring listening activities to facilitate the development of inner hearing, including high vs. low tones, loud vs. soft; fast vs. slow; major vs. minor, strong beat vs. weak beat, how moods are expressed, etc.
- **b.** Present a kindergarten music session featuring associative listening activities. Include specific, relevant musical examples for preschool children and offer concrete ideas for making the experience more personal for young listeners.
- **c.** Choose a musical composition from any of the examples above and present a differentiated music activity plan for introducing that music to a mixed-age kindergarten group, incorporating elements from at least one other artistic discipline, such as dance, visual arts, or theatre.

4. Theory

Music, Movement, and Memory.

Discuss ways in which musical skills can be effectively developed in preschool-aged children through kinesthetic learning activities, with the additional benefit of stimulating memory capacity. Explain the significance of the preservation of cultural traditions through children's songs, nursery rhymes, children's folk games, and folklore associated with various holidays.

Practical activities

- **a.** Present a music activity plan using musical instruments to foster the development of rhythmic and expressive skills in preschool-aged children, using appropriate music terminology.
- **b.** Present a differentiated music activity plan for preschool children using two songs from the list to illustrate the metric organization of songs according to duple vs. triple meter.
- **c.** Present a music activity plan incorporating playful but structured movement in which you introduce preschool children to two different basic compositional techniques in music (e.g. repetition, variation, refrain, sequence, transformation).
- **d.** Choose a holiday and present a music activity plan for preschool children in which you teach them to sing an appropriate song using basic conducting skills to lead the group, including starting and ending together, beginning on the same pitch, phrasing, dynamics, etc
- **e.** Present a puppet show based on a song, in which the children are encouraged to experience the rhythm and musical pulsation. Describe how to use this method with preschool children.
- **f.** Choose a musical theme and present different characters using movements that correspond to the variations in the music.

Theory

Integrating music into differentiated instruction in early language development.

5. Age-specific, language-appropriate planning for young learners of English. Traditional songs for different age groups. Integrating music with storytelling for young EFL learners at different language proficiency levels.

Practical activities

- **a.** Prepare a circle time activity plan based on a topic relevant for preschool children aged 5-6 with different English proficiency levels. Demonstrate how the different activities support the holistic development of this age group, including discussion of possibilities for differentiated instruction to engage the entire group.
- **b.** Present an activity plan based on a story song for two different age groups.
- **c.** Present examples illustrating how traditional songs with non-lexical vocables or archaic/obsolete language can be used in early language development for various preschool age groups.

Recommended Literature:

- 1. Forrai Katalin. 1998. *Music in Preschool. 2nd revised and expanded edition*. Clayfield: Clayfield School of Music, 0958629706, 9780958629706
- 2. Forrai Katalin. 2004. Ének az óvodában. Budapest: Editio musica. ISBN 9633307406
- 3. Kiszely-Papp, D. 2023. "English children's songs in early childhood music and language education: observations on singability and choice of songs for teaching young voices" In: XXVI. Apáczai-napok Tudományos Konferencia: Új irányok és lehetőségek a nevelés-, humán- és társadalomtudományok területén. Győr: Széchenyi István Egyetem, Apáczai Csere János Pedagógiai, Humán- és Társadalomtudományi Kar. (Ed.: Dőryné Zábrádi Orsolya Kurucz Anikó Varga Balázs)
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- 6. _____. 1998. Wee Sing Nursery Rhymes & Lullabies. New York: Price Stern Sloan
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- 10. Sapszon Borbála. 2013. Játék a zenével. Budapest: Bethlen Gábor Alapkezelő Zrt.
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- 14. Bognár Rezső-Soltész Erzsébet. 1969. *Tanuljunk zenét szolfézskönyv felnőtteknek*. Budapest: Editio Musica. ISMN: 9790080056882

- 15. Raph, Theodore. 1986. The American Song Treasury: 100 Favorites. New York: Dover
- 16. McCleaf Nespeca, Sue B. Reeve, Joan. 2003. *Picture Books Plus: 100 Extension Activities in Art, Drama, Music, Math, and Science*. Chicago: American Library Association. ISBN 0-8389-0840-3
- 17. Székely Andrea. 2007. Játékok bábokkal, játékok a meseládikóval. Budapest: SuliNova
- 18. Phillips, Sarah. 1999. Drama with Children. Oxford University Press. ISBN-13: 978-0194372206
- 19. Kiszely-Papp, D. 2021. "Experiences Teaching Music Pedagogy in the English-Language Preschool Education Program" *In: Kihívások a 21. századi nevelésben-oktatásban*. Lovassy Attila, Pázmány Ágnes, szerk. Vác: Apor Vilmos Katolikus Főiskola, 79-87
- 20. Hovánszki Jánosné (ed.). 2008. Zenei nevelés az óvodában. Szöveggyűjtemény. Debrecen: Didakt Kft., ISBN: 978-963-87120-5-9
- 21. Törzsök Béla. 1982. Zenehallgatás az óvodában. Budapest: Editio Musica
- 22. Griffiths, Fleur. 2017. Supporting Children's Creativity through Music, Dance, Drama and Art: Creative Conversations in the Early Years. Routledge. ISBN13: 9781138208032.
- 23. Bongert, Ina. 2021. Learning and Teaching Vocabulary to EFL Students. Songs and Rhymes in Primary School. GRIN Verlag.
- 24. Paolo Lotti. 2023. Music Videos for Grammar Teacher's Guide. ELI, EDIZIONI. ISBN: 9788853639912

II.	Anyanyelvi és irodalmi nevelés módszertana
	Elméleti témakör
	Tervezés és felkészülés az óvodai anyanyelvi és irodalmi nevelésben. A nyelvi-kommunikációs nevelés lehetőségei és összefüggései az óvodai tevékenységekben.
6.	Gyakorlati feladat
	Készítsen nagycsoportos korosztály számára komplex tevékenységtervet, melyben a vers, mese és a mozgásos tevékenység kapcsolódik össze!
	Elméleti témakör
	Az anyanyelvi játékok szerepe az óvodáskorú gyermekek nyelvi-kommunikációs fejlesztésében.
	Gyakorlati feladat
7.	Allítson össze és mutasson be a beszédészlelést, a beszédértést, a beszédmozgást, a nyelvhasználatot, a verbális és a nemverbális kommunikációt fejlesztő anyanyelvi játékokat!
	b) Tervezzen egy kortárs magyar gyerekversre épülő beszédfejlesztő és szókincsbővítő tevékenységet vegyes csoportra! Figyeljen a differenciálás megvalósításának szempontjaira!
	Elméleti témakör
8.	Játék és tanulás lehetőségei az óvodai irodalmi tevékenységekben. Érzelem és esztétikum: elaboráció és indulatredukció az óvodai irodalmi tevékenységekben. Mutassa be egy előre kiválasztott mese önálló bábos, animációs feldolgozását!
	Gyakorlati feladat

	Tervezzen meg egy új mese bemutatására épülő komplex tevékenységet kiscsoportba!. Figyeljen az életkori sajátosságokra a választásában és a megvalósítás módjában!
9.	Elméleti témakör
	Innovatív módszerek az óvodai anyanyelvi és irodalmi nevelésben. A projektmódszer és az IKT-eszközök alkalmazásának lehetőségei az irodalmi és az anyanyelvi tevékenységekben.
	Gyakorlati feladat
	Készítsen versből, meséből kiinduló projekttervet óvodai nagycsoport számára!
	Elméleti témakör
10.	Az olvasóvá nevelés és a literációs nevelés elmélete és gyakorlata az óvodai nevelésben. A mese- és versválasztás dilemmái.
	Gyakorlati feladat
	Tervezzen meg egy gyerekkönyvből kiinduló mesetevékenységet vegyes csoportra! Térjen
	ki az olvasóvá nevelés és a literációs kultúrával való ismerkedés életkori vetületeire!

Szakirodalom

- 1. Zilahi Józsefné: Mese-vers az óvodában. Eötvös József Könyvkiadó, Budapest, 1998.
- 2. Dankó Ervinné: Nyelvi-kommunikációs nevelés az óvodában. Okker Kiadó, Budapest, 2000.
- 3. Dankó Ervinné: Irodalmi nevelés az óvodában. Okker Kiadó, Budapest, 2004.
- 4. Bakonyi Anna-Karczewic Ágnes: *Az óvodapedagógusok nagykönyve, Az ismerettől a megvalósításig*. Neteducatio Kft., Bp., 2016.
- 5. Bálint Péter (szerk.: A meseszövés változatai. Didakt, Debrecen, 2004.
- 6. Bálint Péter (szerk.): Közelítések a meséhez. Didakt, Debrecen, 2003.
- 7. Bárdos József-Galuska László: Fejezetek a gyermekirodalomból. Nemzedékek Tudása Tankönyvkiadó, 2013.
- 8. Bitter Noémi-Székely Andrea: Mese és bábjáték az óvodában a szociális és erkölcsi kompetenciák fejlesztésére, in: Anyanyelvi és Irodalmi Nevelés I.évf. 2018. 3-4.sz, p. 24-32.
- Csépe Valéria: Játszani is engedd! https://mta.hu/akademiai_szekfogalok/jo-szoval-oktasd-jatszani-is-engedd-tanulas-jatek-es-a-gyermeki-agy-csepe-valeria-szekfoglalo-eloadasa-111144?fbclid=IwAR32
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- 18. Szinger Veronika: Kivárás és bontakozó írásbeliség. http://www.tanszertar.hu/eken/2007_01/seged_0701/szv.pdf
- 19. Szinger Veronika: Interaktív mesemondás és meseolvasás az óvodában a szövegértés fejlesztéséért. *Anyanyelv-pedagógia*, 2009. 3. sz. http://www.anyanyelv-pedagogia.hu/cikkek.php?id=184
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III.	Visual Education and Methodology	
11	Theory	
11.	Complex personality development through visual education	

	Aim, role and tr	ansfer effect of visual education in preschool education. Visual education as	
	a tool for complex personality development: its role and significance in the cognition and		
	skills development of the preschool child. Development of the visuality of a preschool child,		
	children's drawi	ng as communication, their role in early second language acquisition.	
	Practical activit	ties	
	<i>a</i>)	Based on a 6-year-old child's drawing, describe the characteristic features	
	,	of the drawing development and the characteristic stages of children's	
		drawing development.	
	<i>b</i>)	Analyse and present the free-hand drawing of a school-ready girl / boy	
	·	from the aspects of content, form and developmental psychology. Present	
		how you can apply it in early language development by preparing an	
		activity plan including the drawing. Language focus is on vocabulary	
		building.	
	<i>c</i>)	From the aspects of content, form and developmental psychology present	
		a school mature boy's or girl's drawing inspired by a relevant preschool	
		topic (family, seasons, food, animals, body parts, etc.). Present how you	
		can integrate content with language by preparing an activity plan for a	
		circle time comprising the thematic drawing activity offering different	
		ways of vocabulary building.	
	Theory		
		ual education in strengthening Christian values, integrity of creation, and	
		ns while supporting early second language acquisition	
	Practical activit		
	<i>a</i>)	Prepare a visual education activity plan / project with environmentally	
12.		friendly materials which calls children's attention to the importance of the	
	•	integrity of creation	
	<i>b</i>)	Prepare an activity plan for a circle time centring around the topic of	
		Christmas /Easter celebration and offer different ways of integrating visual	
	a)	education with early language development.	
	<i>c</i>)	Plan a project based on a special event in regards to an American or British culture and customs	
	Theory	culture and customs	
		ual education in the transmission of aesthetic values, the development of	
		ligence, the relationship of visual education with other content areas.	
		f visual education in the foundation of children's Christian faith.	
	Practical activit		
	<i>a)</i>	Elaborate a detailed visual activity plan for a preschool age-group which	
	/	is related to other educational field(s). The art piece(s) chosen for the	
		activity are to help the emotional development of children.	
13.	<i>b</i>)	Present a picture book where the visual images carry the weight of the	
		meaning and explain which age-group you would recommend it, and why.	
		Analyse the pictures considering both the aesthetic aspect and their role in	
		foreign language development.	
	<i>c</i>)	Make a complex activity plan where the artworks presented help the	
		foundation of children's Christian faith.	
	<i>d</i>)	Present with puppetry / animation a poem, rhyme, song or story. Analyse	
		it from the visual point of view. Explain puppetry technique, the choice	
	TI.	of material, colours and forms.	
	Theory 1.1.		
1 4	1	gy of preschool arts and crafts techniques connected to children's literature	
14.		ble for the development of activity-centred creativity in a fun way. The	
	Practical activity	f visual activity plans or projects.	

	<i>a</i>)	Prepare a mindmap for a project focusing on a story and a poem/nursery rhyme, which are interrelated. During your presentation highlight the different ways of applying visual aids, art and craft activities incorporated in your mindmap.	
	b)	Present some storytelling techniques used in early childhood education discussing how visuality supports children's comprehension. Demonstrate how different analysis tools, graphic organizers (storyboard/storymap/story-mountain, etc.) help children understand the structure of the plot through a piece of children's literature.	
	c)	Present a circle time activity plan based on a piece of children's literature and explain how to use puppets for different purposes, activities: e. g.: to promote participation and manage the group of children in a positive way, to introduce and develop new thematic vocabulary.	
	Theory		
	Differentiated instructions		
	Differentiated skills development, ensuring equal opportunities for children with difficulties		
	and opportunities for talent fostering in visual education. Differentiated instruction for young		
	learners of English at preschool.		
	Practical activities		
15.	<i>a</i>)	Describe the method of differentiation realized in the visual activity experienced during the practice, tolerating and supporting individual development, requiring special treatment and providing education for children with special educational needs.	
	<i>b</i>)	Why and how can you differentiate among young learners of English in	
		preschool? Demonstrate it with examples. Collect different activities	
		incorporating visual education on the same topic for the following groups:	
		total beginners, heterogeneous group, talented child, learning problems or	
	a)	disabilities, behaviour problems, lack of motivation.	
	<i>c</i>)	Based on your practical experience present how equal opportunities and talent support are provided in the visual education of	
		talent support are provided in the visual education of Catholic/bilingual/international preschools.	
		Camone, omnigual/international presentions.	

Recommended Literature:

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IV.	Environmental Education and Methodology		
16	Theory		
16.	Biodiversity		

	Present the	e main subgroups of the animal and plant kingdoms. What are the biological	
		a taxonomy like this? Explain how grouping and organizing activities support	
		second language development.	
	Practical activities		
	<i>a</i>)	Plan a playful observation introducing a living animal or plant. What songs, rhymes or games could you use related to that particular animal or plant? How would you teach the thematic vocabulary?	
	<i>b</i>)	What kinds of opportunities do botanic gardens and wildlife parks offer for environmental education, especially for the demonstration of biodiversity? Present a plan of a visit to concrete a botanic garden or wildlife park (preparation, experience and follow-up activities). Place emphasis on the language learning opportunities during a programme like this.	
	c)	Present a plan of a field trip to a vegetable garden or an orchard. How would you teach the different colours, sizes, shapes and tastes through fruit and vegetables or flowers?	
	Theory		
	Present the emotional vischool read developme		
	Practical a	ctivities	
17.	<i>a</i>)	Present the plan of a circle time in a woodland setting related to the forest ecosystem. How would you teach children the basic safety rules using the TPR method?	
	<i>b</i>)	Explain the relationship of body structure and lifestyle in the case of an animal subgroup or a concrete species in their natural habitat. Illustrate your topic with a story. What kinds of storytelling techniques would you use for your story? Perform a part of your story.	
	c)	Plan an experiment about plants or some inanimate natural phenomenon or change according to the steps of experimentation. How would you support the experimental learning with songs and rhymes?	
	Theory		
	The rhythn	ns of nature	
	Describe the units of spatial and temporal orientation; and the basic connections between the weather and the astronomical basics of the cyclical pattern of time (calendar). Explain how rhythm, rhyming and repetition support second language acquisition.		
	Practical activities		
18.	<i>a</i>)	Present a project week plan about the connections between the changes of living things, the weather and the seasons. Give 4 or 5 nursery rhymes and songs related to the topic.	
	<i>b</i>)	Present the teaching of the life cycle of a plant or animal through an arts and craft activity plan. Place emphasis on the teaching of key vocabulary.	
	<i>c)</i>	Explain the different storytelling techniques you would use to tell a story to children about a kind of water, the Sun, the Moon, or the stars. Perform a part of your story.	
	Theory		
19.	sustain the features of	health elevels of organization of the human body, its main organ systems, and how these health and balance of the organism and the environment. Describe the main a healthy early childhood. What are the main areas of preschool health education? e daily routine and the repetitive language patterns support the child's sense of	
	110W do til	e daily fourthe and the repetitive language patterns support the clind's sense of	

	physical m	nental and emotional security? Give 2 or 3 examples of language patterns used to	
	organize the daily routine.		
	Practical activities		
	<i>a</i>)	Prepare a story using puppets about a little decayed tooth. Include the teaching of the grammar of sequence words (first, then, and finally) in a playful way. Present part of the story.	
	<i>b</i>)	Explain how you would teach children the importance and process of proper handwashing and tooth brushing. Use an activity song.	
	<i>c</i>)	Present an activity plan about the role of the five senses in the discovery of the different characteristics of the outside world. Include the grammar	
		of I can see/hear etc. in a playful and covert way.	
	Theory		
	You are wh	nat you eat	
	and nutrition	connections between the basic principles of the pedagogy of sustainability, food on, and ecological issues. How can the preschool teacher support the right attitude althy diet and sustainability through early language teaching?	
	Practical a	ctivities	
20.	<i>a</i>)	Present a project week plan about the local and global problems of the environment regarding clean soil, air and water as the basis of human life. How would you teach children the following concepts: clean vs. dirty and eco-friendly/green vs. harmful/toxic?	
	<i>b</i>)	Present a puppetry-based activity plan related to healthy eating. Include the teaching of the imperative ("dos and don'ts") in a playful way.	
	c)	Present an environmental project plan related to sustainability (e.g. waste management, water management, transport etc.) in the local area using the TPR method to enhance understanding.	

Recommended Literature

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V.	Physical Educ	cation and Methodology		
	Theory			
	Significance, division, grouping and place of preparatory exercises in young children's			
	mobility activities; the role of cool down practices in preschool physical education			
	Practical acti	vities		
	<i>a</i>)	Design a series of gymnastic exercises with hand-held equipment, taking		
		into account the methodological aspects of physical education; Collect as		
		many hand-held objects as possible to creatively guide a warm-up exercise		
21.	<i>b</i>)	Design a series of gymnastic exercises performed on a bench or done by a		
		pair taking into account the methodological aspects of physical education;		
		describe 2-3 exercises where you can use hand-held tools during the bench		
	1	or pair exercises (large group)		
	<i>c</i>)	Collect as many playful movements as possible as cool down exercises; please justify your choices		
	7)	· · · · · · · · · · · · · · · · · · ·		
	<i>d</i>)	Pair gymnastic exercises with nursery rhymes and songs		
	Theory			
	Theory Methodologic	al aspects of planning and conducting the main practices in physical		
	_	cindergarten (when transferring new knowledge)		
22.	Practical acti			
	<i>a) b)</i>	Outline in detail the structure of the kindergarten movement system Describe the phases of movement learning through a concrete example,		
	0)	highlighting the tasks of the teacher		
	c)	Choose a form of movement of your choice and present each part of the		
		educational process		
	Theory			
	Methodological aspects of planning and leading skills development lines			
	Practical acti	vities		
	<i>a</i>)	List as many skills as possible, define them and give specific tasks with		
		which they can be well developed		
	<i>b</i>)	Design a specific skill development main part for a mixed group - showing		
23.	,	the possibilities of differentiation according to age		
	<i>c</i>)	Add a short children story or a fairly tale including the tasks of an obstacle		
		course		
	<i>d</i>)	Gather as many sports equipment and games as possible in the form of a		
		chart that can be used for skill development during kindergarten exercise		
		activities (tool => skill => task)		
	Theory			
		al aspects of designing and conducting motion games		
	Practical activities			
	<i>a</i>)	Collect as many games as possible and then plot / group according to their		
		age and skill development effect		
2.4	<i>b</i>)	Give three different forms of play from the following (e.g. running, catch		
24.		competitions, ball games) and then, depending on the age characteristics		
		and prior knowledge of the children, design a simpler or more complex		
	(a)	version of the game Perform collecting work! Find and present movement games, which can		
	<i>c)</i>	Perform collecting work! Find and present movement games - which can be found in the movement culture of different nations, and present a typical		
		English game that we can use with confidence in movement activities.		
		Please justify your choice!		
L		Junit John Street		

	Theory		
	5. Preventi	on options in kindergarten work	
	Practical activities		
	<i>a</i>)	Make two sets of exercises - one for leg strengthening exercises, the other	
		for strengthening and stretching the muscles of the torso (along with the	
		effects on muscle groups)	
2-7	<i>b</i>)	List as many games as possible that can be used in preschool physical	
25.		education to prevent various deformities (eg play - diagnosis)	
	c)) Describe possible forms of prevention in kindergarten life on a self-made	
		mind map. Gather ideas during a family health day for activities related to	
		a healthy lifestyle	
	<i>d</i>)	Knowing the job of a kindergarten teacher - make suggestions to prevent	
		burnout and maintain physical and mental "fitness" during the teaching	
		career	
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- 15. Kimberly Weschler (2012): 303 KID Approved Exercices and Active Games
- 16. Rae Pica (2014): Toddlers Moving & Learning: A Physical Education Curriculum
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VI.	Mathematics Education and Methodology
	Theory
26.	Mathematical thinking in the early years. Sets, mathematical logic and combinatorics as tools in getting to know our environment and developing mathematical thinking. Practical activities

	<i>a</i>)	Present a week plan about a chosen topic where you point out the mathematical elements as they appear during circle times.
	b)	Prepare your own logical set and use this logical set to prepare circle time activities for different age groups. Explain how grouping and organizing activities support children's second language development.
27.	Theory	
	Building up geometric knowledge in early childhood especially spacial sense and constructional process.	
	Practical activities	
	<i>a</i>)	Present the mathematical elements of the constructional process.
	<i>b</i>)	Choose an optional 3D shape and present circle time activities about it.
28.	Theory	
	Natural numbers and operations in kindergarten life. Different ways of establishing these	
	concepts by playful activities.	
	Practical activities	
	<i>a</i>)	Plan a playful activity for introducing numbers. What songs, rhymes or games could you use?
29.	Theory	
	Measurement for introducing natural numbers by investigating the world around us.	
	Practical activities	
	<i>a</i>)	Prepare a playful activity for introducing natural numbers with the help of measurement. Place emphasis on the teaching of key vocabulary.
30.	Theory	
	Relations, functions and sequences in kindergarten.	
	Practical activities	
	<i>a</i>)	Prepare a story for presenting the relational vocabulary (movement, direction, position).
	<i>b</i>)	Present some combinatorial games.

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