

Course Unit	Option 1 - Child Motricity	Field of study	-
Master in	Teaching of the First Cycle, Mathematics and Natural Sciences in the Second Cycle	School	School of Education
Academic Year	2022/2023	Year of study	1
Type	Semestral	Semester	1
Level	2-1	ECTS credits	4.0
Code	5044-763-1105-03-22		
Workload (hours)	108	Contact hours	T - - TP 28 PL - TC - S - E - OT 8 O -

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Vítor Pires Lopes

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. To understand the motor development process
2. Differentiate the general phenomena of growth, diversity and variability of the morphological characters during the growth process
3. Master some techniques of observation and physical and motor assessment
4. Analyze the issues related to the pedagogical intervention in child motricity (objectives, contents, areas and fields of intervention, organization of teaching-learning situations; etc.).
5. Master the knowledge and identification of practical situations in children's motor skills.
6. Justify the principles of using teaching strategies and techniques in class task management: instruction; management / organization; and social of the class group

Prerequisites

Before the course unit the learner is expected to be able to:
Some knowledge about anatomy, physiology and developmental psychology

Course contents

Somatic growth and biological maturation Development of motor skills; Motor capabilities; Play-motor activity, physical activity, development and health Pedagogical intervention in children's motor skills

Course contents (extended version)

1. Somatic growth and biological maturation
 - Inter-individual variability
2. Development of motor skills
 - The skill development phases
 - Descriptive model of motor skills development
 - Factors that condition the development of motor skills
3. Motor capabilities
 - Physical aptitudes and motor development
 - Assessment of physical fitness
4. Observation and Assessment of Motor Competence
 - The concept of motor competence
 - Evaluation referenced to the process and product
5. Play-motor activity, physical activity, development and health
 - Characteristics of children play
 - Playground's characteristics
 - Habitual physical activity
 - Habitual physical activity and health
 - The role of Child Motor behavior in the formation of physical activity habits
6. Pedagogical intervention in children's motor skills
 - The general and specific objectives
 - Characterization of the different fields of intervention
 - Intervention areas
 - Class structure and learning situations
 - Presentation of activities and class management
 - The motor improvement and level of progression of the student
 - Teaching situations

Recommended reading

1. Haywood, k. (2009) Life Span Motor Development. 5ª ed. Human Kinetics. Champaign
2. Lopes, V. P. ; Maia, J. A. R. ; Mota, J. (2000). Aptidões e habilidades motoras. Uma visão desenvolvimentista. Livros Horizonte. Lisboa
3. Malina, R. M. ; Bouchard, C. (2004). Growth, maturation and physical activity. 2ª ed. Human Kinetics. Champaign
4. Gabbard, C. (2016). Lifelong Motor Development. Phyladelphia, PA: Wolters Kluwer Health
5. Neto, C. (2001). Motricidade e Jogo na Infância. 3ª ed. Rio de Janeiro: Editorial Sprint.

Teaching and learning methods

Sessions of presentation and discussion of the topics. Individual and collective work of data collecting and analysis in the context of each topic. In the context of practical classes empirical research examples are presented. Inverted classroom teaching method may be adopted in some subjects

Assessment methods

1. Continue evaluation - (Regular, Student Worker) (Final)
 - Intermediate Written Test - 50% (Individual test)
 - Work Discussion - 50% (theoretical work on the development of one of the thematic blocks treated at the student's choice)
2. Exam evaluation - (Regular, Student Worker) (Supplementary, Special)

Language of instruction

Portuguese

Electronic validation

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10-12-2022	03-01-2023	08-01-2023	09-01-2023