



IDENTIFYING DATA

Knowledge of the natural environment

Subject	Knowledge of the natural environment			
Code	O05G110V01901			
Study programme	(*)Grao en Educación Infantil			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	3rd	2nd
Teaching language	Galician			
Department				
Coordinator	Seijo Coello, María del Carmen			
Lecturers				
E-mail				
Web				
General description	The subject Knowledge of the half natural comprises the study of the fundamental aspects of the *entorno @natural where goes develop the *labor educational of the master and master. It intends to create a formative base so that the students can develop his *labor educational in the Childish Education.			

Competencies

Code	
B1	Know the objectives, curricular content, and the evaluation criteria in Primary Education.
B2	Promote and facilitate early childhood learning from a global and integrating perspective, in the different psychomotor, cognitive, emotional and volitional dimensions.
B3	Design and regulate learning spaces within diversity contexts to meet students' singular educational needs, gender equality, equity and respect for human rights.
B4	Promote coexistence in and out of the classroom and address peaceful resolution of conflicts. Know how to systematically follow learning and coexistence contexts and reflect on them.
B5	Group reflection on acceptance of rules and respect for others. Boost autonomy and singularity of each student via the management of emotions, feelings and values in early childhood.
B7	Know the educational implications of information and communication technologies and, in particular, of television in early childhood.
B8	Know the basics of dietetics and hygiene for children. Knowledge of the fundamentals of early attention and the □ Knowledge- bases and developments that allow us to understand the psychological, learning and personality building processes based in early childhood.
B9	Knowledge of how primary schools are organised and the different actions that comprise their operation. Assume that the practice of teaching has to be improved and adapted to the scientific, pedagogical and social changes throughout life.
B10	Act as a counsellor to parents on the subject of family education in the 0 to 6-year-old age bracket and master social skills for managing and relating to each student's family and to all families.
B11	Reflect on classroom practices to innovate and improve educational tasks, acquire habits and skills for autonomous and cooperative learning, and promote them among students.
B12	Understand the role, possibilities and limits of education in today's society and the core competencies affecting higher education schools and their professionals. Know the quality improvement models that can be applied to educational centres.
C33	Know the underlying curricular principles of science, maths and technology in this stage, as well as the theories on the acquisition and development of the corresponding know-how.
C36	To know the scientific method and to promote scientific thinking and experimentation.
C40	To promote interest in and respect for the natural, social and cultural environments through appropriate teaching projects.
D1	Capacity for analysis and synthesis
D2	Capacity for organisation and planning
D3	Oral and written communication
D4	Knowledge of foreign language

D5	Knowledge of informatics
D6	Information management capacity
D7	Troubleshooting
D8	Decision-making
D9	Team Work
D11	Skills in interpersonal relations
D12	Critical reasoning
D13	Critical reasoning
D14	Ethical commitment
D15	Autonomous learning
D16	Adaptation to new situations
D17	Creativity
D18	Leadership
D19	Knowledge of other cultures and customs
D20	Initiative and an entrepreneurial spirit
D21	Motivation for quality
D22	Awareness of environmental issues

Learning outcomes

Expected results from this subject	Training and Learning Results		
Promote the *interés of the teaching envelope the natural means, *afondar in the his knowledge and favour that they promote the *interés pole *entorno @natural in the first childhood	B3 B4 B9	C40	D7 D12 D19 D22
Know the bases of the *currículo of this stage related with the half natural and social	B1 B5 B8 B10	C33	D13 D14
*Familiarizarse With the sustainable developmental concepts and with aspects related with the biodiversity and the interactions between *xeosfera and biosphere.	B1 B12	C33 C36 C40	D1 D2 D3 D6 D8 D9 D19 D21 D22
*Desarrollar Wools competitions of *autoinformación and #cooperative work.	B2 B5 B7 B11 B12	C40	D1 D2 D3 D4 D5 D6 D7 D8 D9 D11 D13 D14 D15 D16 D17 D18 D20 D21

Contents

Topic	
Introduction to the knowledge of the half natural	Approach *sistémico and *interdisciplinar of the studies of the half natural. The landscape how starting point.

Biosphere and his interactions

*Xeosfera and his interactions

The soil how example of *interfase go in the terrestrial systems.

The layers *fluidas of the atmosphere

Atmosphere and *hidrosfera

Sustainable development

Half and sustainable development

Planning

	Class hours	Hours outside the classroom	Total hours
Studies excursion	4	6	10
Case studies	4	12	16
Mentored work	15	22.5	37.5
Autonomous problem solving	1	6	7
Seminars	4	6	10
Lecturing	22.5	45	67.5
Objective questions exam	0.5	0	0.5
Problem and/or exercise solving	0.5	0	0.5
Essay	0.5	0	0.5
Systematic observation	0.5	0	0.5

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Studies excursion	(*)Técnicas grupales participativas que consisten no estudo do entorno natural de Ourense e a elaboración en grupo dunha UD para nenos de ed. infantil
Case studies	(*)Traballos dirixidos polo profesor que consisten en actividades en grupo que fomentará a capacidade de observación e análise.
Mentored work	(*)Traballos dirixidos pola profesora Elaboración de material docente para nenos de Educación Infantil relacionado coa materia
Autonomous problem solving	(*)Actividade autónoma do alumno Exercicios que se propoñen na aula e se realizan de forma autónoma polo estudante apoiado en ferramentas informáticas
Seminars	(*)Actividade en grupos que contempla a análise das actividades que se propoñen relacionadas co medio natural e dirixidas a nenos de educación infantil
Lecturing	(*)Presentación por parte do profesor dos contidos incluídos no temario

Avaliadas mediante probas de resposta curta ou tipo test.

Personalized assistance

Methodologies	Description
Lecturing	The attention customized will take place in the development of the @propio session *maxistral. In *titorías individual or in group inside the @propio classroom or in the time destined stop this end.
Studies excursion	The attention customized will take place during it gone out of individual form or in small group.
Case studies	The attention customized will take place *según needs during the development of the activity. In *titorías individual or in group inside the @propio classroom or in the time destined stop this end. Also it is possible this attention customized using tools computings.
Mentored work	The attention customized will take place in the classroom. In *titorías individual or in group inside the @propio classroom or in the time destined stop this end.
Autonomous problem solving	The attention customized will take place *según needs during the development of the activity. In *titorías individual or in group inside the @propio classroom or in the time destined stop this end. Also it is possible this attention customized using tools computings.
Seminars	In schedule of *titoria or in classroom to coordinate the activities of the group, *asesoramento or establish mechanisms of performance that *solventen the *inconvincentes of the activities .
Tests	Description
Objective questions exam	It Will be previous to realization of the proof in small group or individual or same during his realization of individual way
Problem and/or exercise solving	It Will be previous to realization of the proof in small group or individual or same during his realization of individual way

Essay	The attention customized will take place *según needs during the development of the activity. In *titorías individual or in group inside the @propio classroom or in the time destined stop this end. Also it is possible this attention customized using tools computings.
Systematic observation	The attention customized will be individual

Assessment

Description	Qualification	Training and Learning Results			
		B1	C33	D1	D2
Objective questions exam Of multiple and true answer or fake	20	B1	C33	D1	D2
			C36	D3	D6
			C40	D7	D7
Problem and/or exercise solving	40	B1	C33	D1	D2
			C36	D3	D6
			C40	D7	D7
Essay	20	B2		D4	D5
		B5		D8	D9
		B7		D11	D13
		B8		D14	D15
		B10		D16	D17
		B11		D18	D19
		B12		D20	D21
				D22	D22
Systematic observation	20	B1	C33	D1	D2
		B2	C36	D3	D4
		B5	C40	D5	D6
		B7		D7	D8
		B8		D9	D11
		B10		D13	D14
		B11		D15	D16
		B12		D17	D18
				D19	D20
				D21	D22

Other comments on the Evaluation

The student owes to surpass how minimum 50% of the *calificación in each of the *apartados evaluated. The students no assistants will owe to justify duly the cause by the that can not assist the *docencia *presencial. The system of *calificación will be the same that them of the students *presenciais regarding percentage of each proof. The *apartado of *presencialidade will owe *suplir with autonomous work of the student. In the second announcement and back will keep the system of qualification proposed. Examinations: consult page web of the faculty.

Sources of information

Basic Bibliography

FREEMAN et al., **Fundamentos de Biología**, 5, Pearson, 2014

UNESCO, **Educación para el desarrollo sostenible: libro de consulta**, 4, UNESCO, 2012

SAEZ PADILLA et al., **Actividades en el medio natural**, 1, Huelva, 2012

Complementary Bibliography

- AUDESIRK T., **Biología: la vida en la tierra**, 8, Prentice Hall Mexico, 2008
- ROMAN et al., **A natureza dos rios e ribeiras de Galicia.**, 1, Ir Indo, 2003
- CAPEL MOLINA et al, **El clima de la Península Ibérica**, 1, Ariel, 2000
- FERNANDEZ DOMINGUEZ C., **Coida o teu planeta**, 1, Nova Galicia Edicións, 2005
- IGLESIAS CUETO A., **Actividades en la naturaleza**, 1, Inde Publicaciones, 2005
- LEIRO A., **Espazos naturais: provincia de Ourense**, 1, A Nosa Terra, 2003
- LEIRO A., **Espazos naturais: provincia de Pontevedra**, 1, A Nosa Terra, 2003
- LEIRO A., **Espazos naturais: provincia de Lugo**, 1, A Nosa Terra, 2003
- LEIRO A., **Espazos naturais: provincia de A Coruña**, 1, A Nosa Terra, 2003
- Toharia M., **El clima el calentamiento global y el futuro del planeta**, Debate, 2006

Recommendations

Subjects that it is recommended to have taken before

Natural sciences learning/O05G110V01403

Contingency plan

Description

=== EXCEPTIONAL MEASURES SCHEDULED ===

In front of the uncertain and unpredictable evolution of the sanitary alert caused by the *COVID- 19, the University establishes an extraordinary planning that will activate in the moment in that the administrations and the own institution determine it attending to criteria of security, health and responsibility, and guaranteeing the teaching in a no face-to-face stage or no totally face-to-face. These already scheduled measures guarantee, in the moment that was prescriptive, the development of the teaching of a more agile and effective way when being known in advance (or with a wide *antelación) by the students and the *profesorado through the tool normalised and institutionalised of the educational guides *DOCNET.

=== ADAPTATION OF The METHODOLOGIES ===

* educational Methodologies that keep

Studies of cases: Works directed by the professor that consist in activities in group that will boost the capacity of observation and analysis.

Work *tutelado: Preparation of educational material for boys of Childish Education related with the matter.

Resolution of problems of autonomous form: exercises made of autonomous form by the students.

Seminars: Analysis of the activities related with the half natural, that propose . The works will be able to be in group, taking into account the virtual platforms to work all the documents in a cloud of network, as for example *Dropbox, Google *Drive, etc..

* Educational methodologies that modify

Lesson *magistral: The *temario that have not given in class will adapt to virtual sessions, with help of *videos and *tutoriales according to the criterion of the professor, and will go up to the platform *Faitic.

Exits of study: it will not make the visit by the walk of the river *Miño to study the natural surroundings of *Ourense.

* Mechanism no face-to-face of attention to the students (*tutorías)

The *tutorías will be made of individual form by email.

* Modifications (if it proceeds) of the contents to give there is not change with regard to the educational guide.

* Additional bibliography to facilitate to car-learning there is not change with regard to the educational guide.

* Other modifications

=== ADAPTATION OF The EVALUATION ===

* Test already made

The proofs will adapt in function of the period in which it was forced the no face-to-face teaching.

* Pending proofs that keep

The proofs will adapt in function of the period in which it was forced the no face-to-face teaching.

* Proofs that modify

* New proofs

The proofs will adapt in function of the period in which it was forced the no face-to-face teaching. They will use the following new proofs.

1. Realisation of questionnaires properly resolved and envoys in date by the student of the contents of each subject.
2. Test of multiple or true answer/false by means of the platform *Faitic on the contents of the matter.

* Additional information
