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Estudio de caso efectivo de la ESPE: Una Actividad Constructivista

Effective ESPE Case Study: A Constructivist Activity

Estudo de caso eficaz da ESPE: uma atividade construtivista

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Ciencias de la Educación Artículo de Investigación

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Resumen

El examen complexivo tiene como objetivo evaluar exhaustivamente los conocimientos adquiridos durante el proceso de enseñanza-aprendizaje, así como la correcta selección de enfoques, métodos, estrategias y herramientas a utilizar en el aula durante la enseñanza del idioma inglés por parte de los estudiantes de la Universidad. de las Fuerzas Armadas-ESPE (Escuela Politécnica del Ejército) en el programa de Pedagogía de Lenguas Nacionales y Extranjeras, a lo largo de ocho semestres de educación en línea. El examen complexivo consta de tres partes: en primer lugar, un banco de preguntas de opción múltiple sobre tres materias como Métodos Mixtos, Metodología e English Vantage B2; en segundo lugar, el desarrollo de un estudio de caso; y, en tercer lugar, la presentación de la propuesta por parte de los estudiantes. Dentro del desarrollo, el currículo educativo debe utilizarse como única herramienta de apoyo, tomando en consideración todos los aspectos relacionados con el contexto educativo, incluidos los estudiantes con diversas necesidades educativas que deben ser atendidas. Finalmente, en la segunda parte, el estudiante presentará una propuesta mejorada que incluirá teorías, metodologías, herramientas y actividades utilizadas por el docente durante el desarrollo de una clase de inglés.

Palabras clave: Examen complexivo; Enfoques; Pedagogía; Educación en línea; Caso de estudio; Opción múltiple; Plan de estudios.

Abstract

The comprehensive exam aims to comprehensively assess the knowledge acquired during the teaching-learning process, as well as the correct selection of approaches, methods, strategies and tools to be used in the classroom during the teaching of the English language by students of the University of the Armed Forces-ESPE (Army Polytechnic School) in the Pedagogy of National and Foreign Languages program, throughout eight semesters of online education. The comprehensive exam consists of three parts: firstly, a bank of multiple-choice questions on three subjects such as Mixed Methods, Methodology and English Vantage B2; secondly, the development of a case study; and, thirdly, the presentation of the proposal by the students. Within the development, the educational curriculum must be used as the only support tool, taking into consideration all aspects related to the educational context, including students with diverse educational needs that must be met. Finally, in the second part, the student will present an improved

proposal that will include theories, methodologies, tools and activities used by the teacher during the development of an English class.

Keywords: Comprehensive exam; Approaches; Pedagogy; Online education; Case study; Multiple choice; Curriculum.

Resumo

O exame complexo visa avaliar exaustivamente os conhecimentos adquiridos durante o processo de ensino-aprendizagem, bem como a correta seleção de abordagens, métodos, estratégias e ferramentas a utilizar na sala de aula durante o ensino da língua inglesa pelos estudantes da Universidade. das Forças Armadas-ESPE (Escola Politécnica do Exército) no curso de Pedagogia de Línguas Nacionais e Estrangeiras, ao longo de oito semestres de ensino on-line. O exame complexo é composto por três partes: em primeiro lugar, um banco de questões de escolha múltipla sobre três disciplinas como Métodos Mistos, Metodologia e Inglês Vantage B2; em segundo lugar, o desenvolvimento de um estudo de caso; e, em terceiro lugar, a apresentação da proposta por parte dos alunos. No desenvolvimento, o currículo educativo deve ser utilizado como única ferramenta de apoio, tendo em conta todos os aspetos relacionados com o contexto educativo, incluindo os alunos com diversas necessidades educativas que devem ser satisfeitas. Por fim, na segunda parte, o aluno apresentará uma proposta melhorada que incluirá teorias, metodologias, ferramentas e atividades utilizadas pelo professor durante o desenvolvimento de uma aula de inglês.

Palavras-chave: Exame complexo; Abordagens; Pedagogia; Educação online; Caso de estudo; Escolha múltipla; Plano de estudos.

Introduction

Background

The people of Otavalo, often referred to as Otavaleños, belong to the indigenous kichwa ethnic group and are known for their culture, traditional clothing, and skilled craftsmanship. There are a lot of American foreigners who visit the place to buy handicrafts, in this way, Otavaleños have constant contact with English language. The general education English language curriculum focuses on ensuring the development of students' communicative competences through active and creative learning activities and gaining basic knowledge of the landscape, culture and people of

English-speaking countries and other countries in the world. The high schools have native speakers as volunteers to practice speaking; however, these institutions face challenges such as boosting reading and writer skills, and cultural understanding.

Description of the Case

This class belongs to a municipal high school. It has 45 students of second year of Bachillerato. 60% are female and 40% are male. In this group, there is a girl with 25% of ADHD (Attention Deficit Hyperactivity Disorder). English is taught three hours a week which is stated by Ministerio de Educación, but as an internal policy, students must attend extracurricular English clubs. Most of the instruction is targeted at speaking with the content just related to English-speaking countries. However, when students are presented with a complex text, they have a high difficulty in understanding thought-provoking questions and developing the answers cohesively and coherently. There is a limited access to the internet. As for evaluation, students are mostly assessed in their speaking skills through informal test. Three 45-minute periods per week are allotted to the teaching of the English language.

Topic

English language acquisition within an indigenous ethnic group known as the 'Otavaleños'

Title of Proposal

The use of flash cards as a strategy to boost, reading and writing in English language acquisition to 45 students of second year of bachillerato, and a girl with 25% of ADHD, in a municipal high school in Otavalo.

Justification of the Proposal

In this proposal we consider that Integrating constructivist theory and the cooperative learning model are advantageous for English language acquisition specially in places where the majority belongs to an ethnic kichwa group of people. The use of this method will enhance active participation with American foreigners, in order to share construction of knowledge, not only facilitating deeper learning and understanding, but also fostering a supportive environment in which indigenous students learn from native speakers' experiences and cultural backgrounds. This

proposal is effective for individual learners, as well as for students who have special needs such as ADHD into the learning process. In today's globalized world, English language skills that promote cross-cultural communication and understanding are essential; additionally, the application of constructivism and collaborative learning directly addresses the practical challenge of improving language acquisition in indigenous students. Finally, the use of visual aids like flash cards as creative tools to interact between culture and people, advocates the adoption of learner-centered approach, encouraging students to promote collaborative tasks, and meaningful interaction in English language acquisition in a municipal school in Otavalo.

Theoretical Foundation of the Proposal

Theory	Description and	Role	of th	e	Role of the	How is learning
	main	Learne	r		teacher	achieved?
	characteristics					
Constructivis	Is an		•	A	•	A productive,
m	epistemological		ctive	-	acilit	constructivist
	view of knowledge		Particip	,	ator	classroom, then,
	acquisition		ative		•	consists of
	emphasizing		•	C	esign	learner-centered,
	knowledge		ritical		er	active
	construction: rather		thinker		•	instruction. In
	than, knowledge		•	В	romo	such a
	transmission and		uilder		ter	classroom, the
	the recording of		•	S	•	teacher provides
	information		olver		ediat	students with
	conveyed by others				or	experiences that
	(Applefield J.					allow them to
	Huber., 2000, pág.					predict,
	87)					manipulate, pose
						questions,
						research,
						imagine, and
						invent (Audrey
						Gray, s.f., pág.
						98)

Model	Description and	Role of the	Role of the	How is learning
	main	Learner	teacher	achieved?
	characteristics			
	Teaching method	• O	•	Students work
Cooperative	where students	rganizer	uman	together in
learning	work together in	• L	ist	groups to be able
	small groups to	ecturer	•	to mastering the
	achieve a common	• T	acilit	initial material
	goal. This approach	ime-	ator	that has been
	encourages	keeper	•	presented. The
	interaction among	• N	lobal	goal of
	students, fosters	aterial	Conn	cooperative
	collaboration, and	supplier	ector	learning is for
	enhances learning	**		students to help
	through shared			each other
	experiences and			succeed
	discussions.			academically
				(Olviani Cipta
				Ningsi Tarinje,
				2018, pág. 58)

General Objective:

Integrate written and spoken text in order to identify cultural differences and similarities within a range of local, national and global contexts familiar to the learner (Ministerio de Educación del Ecuador, 2010, pág. 24)

Specific Objective:

Compare and contrast oral traditions, myths, folktales and literature from Ecuador and international regions and cultures and identify similarities and differences and universal cultural themes (Ministerio de Educación del Ecuador, 2010, pág. 25)

Student's objective: Compare and contrast culture, traditional clothing of people from ethnic groups, with American Foreigners, in order to boost students' cultural understanding, in a municipal high school in Otavalo.

Development of the Proposal

General Objective	Specific Objective	Skills and Performance Criteria	Evaluation Criteria
O.EFL 4.8 Integrate written and spoken text in order to identify cultural differences and similarities within a range of local, national and global contexts familiar to the learner (Ministerio de Educación del Ecuador, 2010, pág. 24)	Compare and contrast culture, traditional clothing of people from ethnic group, with American Foreigners, in order to boost students' cultural understanding, in a municipal high school in Otavalo.	EFL 4.1.1 Compare and contrast oral traditions, myths, folktales and literature from Ecuador and international regions and cultures and identify similarities and differences and universal cultural themes (Ministerio de Educación del Ecuador, 2010, pág. 25) EFL 4.1.10 Recognize and appreciate individual and group similarities and differences by establishing and maintaining healthy and rewarding online and face-to-face relationships based on communication and cooperation (Ministerio de Educación del Ecuador, 2010, pág. 41)	CE.EFL.4.1. Compare and contrast oral traditions and literature from Ecuador and beyond in order to manifest an understanding of the relationship between cultural perspectives and practices and by sharing cross cultural experiences (Ministerio de Educación del Ecuador, 2010, pág. 32) CE.EFL.4.3. Interact with others using selfmonitoring and selfcorrecting strategies as well as appropriate nonverbal and oral communication features (Ministerio de Educación del Ecuador, 2010, pág. 36)

Methodological strategy	lents working in pairs or smal solutions to problems (Cornel ance language development and the real-life situations (Sumaira 198) ity of Southern Maine, 2024 testing approach. Even the act of the information, challenging you have on one side and the related		
ACTIVITIES	NC.	RESOURCES:	
1 STORY BUILDI Teachers' activities:		Human resources	
	entation	LeadershipSkills	
	vation (warm-up)	Abilities	
	de students theme and objective	• Experience	
	de students with essential information	1	
	e students focus on how to use/do it?	Physical resources	
	tor the activity	• Flash cards	
	•	ComputerOverhead	
Students Activities:	Students Activities:		
Work		nro1ector	
	in groups	projector Web platform	
• Liste	t in groups and understand the instructions	Web platform	
• Ident	n and understand the instructions ify some pictures and give an example.		
• Ident	n and understand the instructions		
IdentColla	n and understand the instructions ify some pictures and give an example. borative work to create a story		
• Ident • Colla Development/constr	n and understand the instructions ify some pictures and give an example. borative work to create a story		

- Create easy stories using the flash cards given
- Ask questions to each other's to clarifying students' doubts.

Just to reinforce:

- Complete a worksheet activity
- Work individually to reinforce comprehension
- Make comparisons

2.- FLASH CARDS DUEL:

Teacher activities:

- Presentation
- Motivation (warm-up)
- Provide students theme and objective
- Provide students with essential information.
- Monitor the activity

Students Activities:

- Listen and understand the instructions
- Identify some pictures on the board
- Development memorization
- Apply knowledge and skills
- Improve communication skills

Development/construction

- Work in a horse-shoe position
- Paste a colorful flash card on the board
- Point out the picture, and ask student to repeat

it

- Heads down heads up
- Remove one flash card
- Ask students heads up, and what's missing?
- Clarifying students' doubts.

Just to reinforce:

- Invite a couple of students to work in from
- Give them a flash card
- To say stand back-to-back
- Move one step forward, two, and three steps.

Resources:

Human resources

- Leadership
- Skills
- Abilities
- Experience

Physical resources

- Flash cards
- Computer
- Overhead

projector

• Web platform

Resources:

Human resources

- Leadership
- Skills
- Abilities
- Experience

Physical resources

- Flash cards
- Computer
- Markers
- Blank sheet of

paper

- Turn around, the student has to say the name of the picture that he/she sees
- Whoever says it firs, gets an extra point.

• Pen or pencil

3.- DRAWING CHALLENGE:

Teacher activities:

- Presentation
- Motivation (warm-up)
- Provide students theme and objective
- Provide students with essential information.
- Monitor the activity
- Make an example how to do it?

Student activities:

- Listen and understand the instructions
- Collaborate with their group
- Student A: Ask student B to draw a square Above the square draw a triangle Above the triangle draw a flag What the object is?
- Student B: Draw a school
- Expand communication skills

Development/construction

- Work in a team-building activity, 2 teams of
- 4
- Sit students back-to-back, one of them, hand one blank piece of paper and pen
- The others, give a simple instruction to draw without saying the meaning

Just to reinforce:

- Give them a flash related to:" my favorite food"
- Give direct instructions
- Use imperatives
- Reinforce communication skills

Learning Environment

Create better learning environment, using of the horseshoe position will encourage discussion and interaction between students and teachers. Furthermore, it allows for easier eye contact facilitating more inclusive environment where students feel engaged and connected to the English lessons. Additionally, by using flashcards provides memory retention, attractive

classroom stimulating students' attention. As well, the visual aspect helps learners to associate words and concepts with images, making it easier to express and generate new knowledge. Similarly, in order to carry out an active class one of the principal aspects is environment because it plays a crucial role for students' outcomes, through that teacher can motivate students by creating a supportive classroom environment where they feel valued and empowered to participate. Likewise, it permits to create suitable opportunities for students to show their skills or talents. Finally, by fostering a culture of motivation in class, teachers can inspire students to actively participate in class activities, which leads to a more dynamic and enriching learning experience for everyone involved.

Adapted proposal for students with special needs

Special Needs: "ADHD"

"Attention Deficit Hyperactivity Disorder", students have difficulty with attention and self-control.

Cooperative learning for "ADHD Students":

It has a positive impact into the learning processes, because is considered as a suitable tool to include children from special education. Moreover, could be advantageous for all students, regardless of their race, ethnicity, disability, educational level, or other variables (Millis. B, 2020, pág. 17)

Methodological strategy

Flashcards for "ADHD Students":

According to: (Hidalgo Pablo, 2015, pág. 25) These are effective memory-aid tools that can help students learn new material quickly. Although it may be tempting to associate flash-card learning with younger children who has special needs "ADHD.", because, it could be considered as a personal dictionary.

"ADHD" ACTIVITY: story building

Teachers' activities:

- Motivation (warm-up)
- Provide students
 with essential and
 specific information
- Make students focus on how to use/do it?

Resources:

Human resources

- Leadership
- Skills
- Abilities
- Experience
- Patience

- Give them exactly which materials they'll need.
- Provided them tools to create stories that are rapid and intense.
- Monitor the activity

Students Activities:

- Work in groups
- Listen and understand the instructions
- Identify some pictures and make an example.
- Create stories with fewer steps
- Collaborative work

Development/construction

- Choose three or four flashcards
- Create easy stories using the flash cards given
- Allow a student with ADHD frequent breaks
- Ask questions to each other's to clarifying students' doubts.

Just to reinforce:

- Invite a student who has ADHD to work in from
- Give his/her a flash card
- Tell his/her:
- to stand back-to-back

Physical resources

- Flash cards
- Computer
- Markers
- Blank sheet of paper
- Pen or pencil
- Whiteboard

• Move one step		
forward, two, and three		
steps.		
• Turn around		
• the student has to		
say the name of the		
picture that his/her sees.		
• Whoever says it		
first, gets an extra point.		
• Let him/her		
plays a rubber ball or do		
something that doesn't		
make noise as an extra		

physical activity.

Special Needs: "DYSLEXIA"					
"Learning disability that affects language-based activities, particularly reading and writing"					
	Collaborative learning for "Dyslexic students":				
	According to Sara Fadli, (2023), collaborative learning				
	provides dyslexic students with a supportive environment				
	conducive to peer interaction and varied perspectives.				
	Working together enhances comprehension, exchange				
	ideas and clarify concepts collectively. Moreover,				
	collaborative tasks can mitigate the challenges dyslexic				
	learners face with reading and writing.				
Methodological strategy					
	Flashcards for "Dyslexic students":				
	Effective tools for dyslexic students, offering				
	multisensory learning experiences, to aid memory				
	retention and alleviate reading challenges; Dyslexic				
	learners benefit from enhanced vocabulary, spelling,				
	increased confidence, fostering active participation and				
	comprehension (Muhammad Barja Sanjaya, 2021, pág.				
	34)				
DYSLEXIC ACTIVITY : Story					
Building					
Teachers' activities:	Resources:				
 Motivation 					
(warm-up)	Human resources				
	 Leadership 				
	 Skills 				

- Provide students with essential and specific information
- Make students focus on how to use/do it?
- Give them exactly which materials they'll need. (Writing and reading)
- Provided them visual tools to create stories.
- Monitor the activity (to avoid confusions in writing)

Students Activities:

- Work in groups
- Listen and understand the instructions
- Identify some pictures and make an example.
- Create stories with visual aids

Development/construction

- Choose three or four flashcards
- Create easy stories using the flash cards given
- Allow a student with Dyslexia work by themselves
- Help every time to avoid writing confusions.

Just to reinforce:

- Abilities
- Experience
- Patience

Physical resources

- Flash cards
- Computer
- Markers
- Blank sheet of paper
- Pen or pencil
- Whiteboard

• Give any flash
cards to learners on
pastel-colored paper to
support learners with
visual processing
• Make sure
written stories are clear
and dyslexic-friendly.
• Try to make sure
that sentences don't 'run
over'
 Encourage
dyslexic students to use
a plain piece of paper to
cover.

Evaluation

Activities	3	· -	of	Techniques	Instruments	Learning outcome
		evaluation				
Activities	3					
1 BUILDIN	STORY NG:	Formative evaluation		Sharing in groups Direct	Worksheets Kahoot Story bird	Students will use AIDS to accurately and fluently talk
Students				questions	Story board	about daily
Activities	.			questions	Google	routines.
•	Wo				Forms	Tournes.
rk	in groups					Students will
•	List					enhance oral
er	n and					communication and
uı	nderstand					comprehension by
th	ne					engaging flash
in	structions					cards activities.
•	Ide					
nt	tify some					
pi	ictures					
ar	nd give an					
ex	xample.	Summative		Quizzes		
•	Col	evaluation		Test		
la	borative			Exams		Students will
w	ork to					strengthen visual
						memory and

create a		association of
story		images and words
story		through the use of
2 FLASH		flashcards.
CARDS DUEL:		nasneards.
CARDS DUEL.		Students will
Students		demonstrate
Activities:		collaboration skills
• List		through successful
_		completion of group
en and understand		tasks, as evidenced
the		by their ability to
instructions		effectively communicate.
• Ide		Communicate.
ntify some		
pictures on		
the board		
• De		
velopment		Students will boot
memorizati		visual recognition
on		skills identifying
• Ap		specified pictures
ply		displayed on the
knowledge		board
and skills		bourd
• Im		
prove .		
communica		
tion skills		
3 DRAWING CHALLENGE:		
CHALLENGE:		
Student activities:		
• List		
en and understand		
the		
instructions		
• Col		
laborate		
with their		
group		

• Stu			
dent A: Ask			
student B to			
draw a			
square			
•			
Above the			
square			
draw a			
triangle			
• Ab			
ove the			
triangle			
draw a flag			
•			
What the			
object is?			
• Stu			
dent B:			
Draw a			
school			
• Ex			
pand			
communica			
tion skills			
L	l .		

Adapted proposal for evaluation of students with special needs

		Skills and	Performance
General Objective	Specific Objective 1	Performance	Indicators
		Criteria	
O.EFL 4.8 Integrate	To compare and contrast	Sustain	I.EFL.4.10.1. Learners
written and spoken	culture, traditional clothing	simple conversational	can effectively
text in order to	of people from ethnic	exchange on a	participate in familiar
identify cultural	group, with American	familiar, when	and predictable everyday
differences and	Foreigners, in order to	carrying out a	conversational
similarities within a	boost students' cultural	collaborative/paired	exchanges in order to
range of local,	understanding, in a	learning activity in	complete a task, satisfy a
national and global	municipal high school in	which there are	need or handle a simple
contexts familiar to	Otavalo.	specific instructions	transaction, using a

the	learner.	for a task. REF. EFL	range of repair
		4.2.10	strategies. (Example:
			asking for clarification,
			etc.) (I.3, J.3, J.4
		EFL 4.1.10 Recognize	CE.EFL.4.3. Interact
		and appreciate	with others using self-
		individual and group	monitoring and self-
		similarities and	correcting strategies
		differences by	as well as appropriate
		establishing and	nonverbal and oral
		maintaining healthy	communication features
		and rewarding	(Ministerio de
		online and face-to-	Educación del Ecuador,
		face relationships	2010, pág. 36)
		based on	
		communication	
		and cooperation	
		(Ministerio de	
		Educación del	
		Ecuador, 2010, pág.	
		41)	
		 41)	

Type of	Techniques	Instruments	Learning Outcomes
evaluation			
			By the end of the session
			ADHD Students:
			Will demonstrate
			improved collaboration
Formative	Sharing in	Worksheets	skills through successful
evaluation	groups	Kahoot	completion of group
	Direct	Story bird	tasks, as evidenced by
	questions	Story board	their ability to
		Google	effectively
		Forms	communicate.
			Will enhance their
			listening and
			comprehension skills by
			accurately following
			instructions given orally
			or in written form
	evaluation Formative	Formative evaluation Sharing in groups Direct	Formative evaluation Sharing in Worksheets Groups Kahoot Direct Story bird questions Story board Google

DYSLEXIC ACTIVITY:	Summative evaluation	Quizzes Test	
Story Building		Exams	
Students Activities:			By the end of the session
• Work in			DYSLEXIC Students:
groups			
• Listen and			Will enhance their
understand the			storytelling skills by
instructions			simplifying narrative
 Identify 			structures with fewer
some pictures and			steps
make an example.			
Create stories			Will demonstrate
with visual aids			organization and clarity
			in their storytelling
			abilities, which will aid
			in maintaining attention
			and reducing cognitive
			overload during the
			creative process.

Conclusions

In order to effectively implement the pedagogical proposal within the classroom setting, it is imperative to cultivate a learning environment that prioritizes the needs and contexts of the students. This entails paying careful attention to the unique cultural background of the Otavaleños people, ensuring that instruction is tailored to resonate with their experiences and perspectives. The right use of classroom management "environment", will be essential for ADHD and DYSLEXIC students because provide resources for independent learning to foster a collaborative, and inclusive atmosphere, promoting peer-to-peer learning and mutual support to each other's. The suitable selection of the methodologies, strategies, techniques, tools or resources according to the students' context, encourage active participation and engagement in the learning process.

Recommendations

Create a conducive learning environment by adopting the horseshoe seating arrangement to foster interaction between students and teachers. This layout encourages eye contact, promoting inclusivity and engagement in English lessons.

The use of flashcards enhances memory retention and grabs students' attention, aiding in associating words with visuals for easier comprehension and knowledge creation.

Implement a hybrid approach blending constructivist theory and cooperative learning for English language acquisition in an ethnically diverse context like Otavalo. This method fosters active participation, cultural exchange, and inclusive learning environments beneficial for both indigenous students and those with special needs.

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