

Corpus tools for vocabulary

3rd Annual Conference of Teachers of English as a Foreign Language



Prof. Dr. José Lopes Moreira Filho
jlopes@usp.br

Focus on

Vocabulary development
Reading strategies

Word/vocabulary activities
Reading activities
Task based activities

Computer tools

Warm up – Find your partner

Instructions:

- *You will receive part of a word in a paper;*
- *While the song plays, you have to find a partner with the other part of the word;*
- *As soon as you find your partner, go to the front of the class with him or her;*



Material development

- We do:
 - Evaluation
 - Adaptation
 - Development
- When:
 - materials are not available
 - for a specific topic
 - for a specific purpose
 - for specific learners
 - is not possible to buy materials



WORD KNOWLEDGE



Question



What do learners need to know to “know a word”?

Keywords

Time: 2 minutes

Answers: only keywords

Word knowledge

- It takes 24h to forget 80% of what was taught
 - (Thornbury 2002)
- Students need to
 - review
 - revise
 - recycle
 - new words

Repetition

Teachers maximize vocabulary development by repeating the exposure of new words at least 12 times over one or two weeks in different contexts.

“It is important to understand the criticality of repetition.”

Eight aspects of word knowledge

1. Phonological form
2. Orthographic form
3. Conceptual meaning
4. POS – part of speech
5. Register or appropriateness (formal/informal)
6. Lexical field (semantic network)
7. Collocations
8. Frequency of usage

(Nation 1990)

I. Phonological form

How to say it.

bitch [ɪ] | beach [i]

This city has a lovely _____ .



2. Orthographic form

How to spell it.

Unscramble the letters and write the answer.

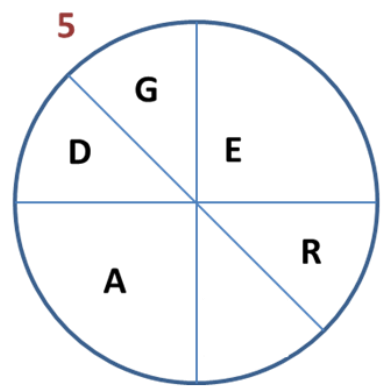
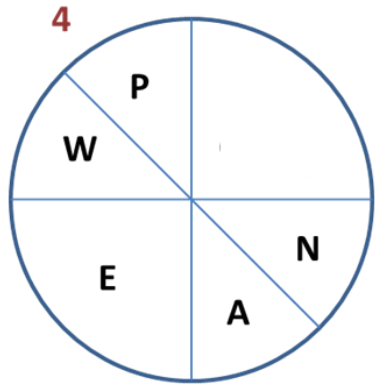
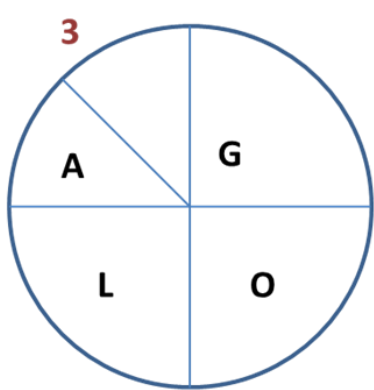
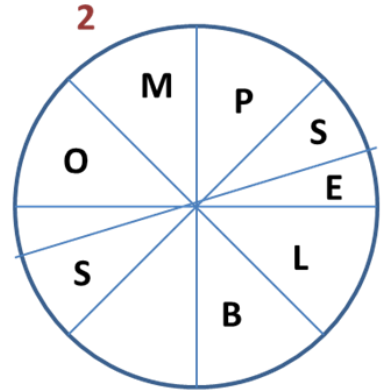
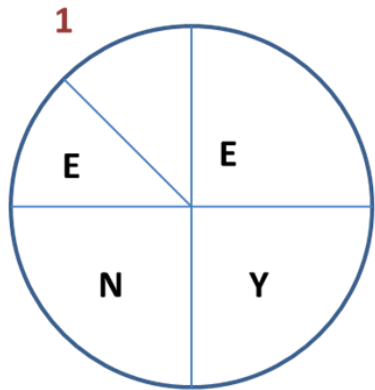
H N A L O M E E C

□ □ □ □ □ □ □ □ □

Tip: it's the name of an animal.

Word pies

Add a letter to each pie to make a complete word. When each of the missing letters is put together, they form a related word.



			S	i		
1	2	3			4	5

3. Conceptual meaning

- Its definition.

chameleon



NOUN

- 1 A small slow-moving Old World lizard with a prehensile tail, long extensible tongue, protruding eyes that rotate independently, and a highly developed ability to change colour.

WORD SENSES

*I think that he was **chameleon** trying to fit with an audience in San Francisco.*

Metaphor: an actor is a chameleon

Miracle (Bon Jovi)

Gonna take a miracle to save us this time
When your savior has just left town
Gonna need a miracle 'cause it's all on the line
And I won't let you down
(No I won't let you down)
The river of your hope is flooding
And I know the dam is busted
If you need me I'll come running
I won't let you down... no, no

Match the words to the pictures:



RIVER – HOPE – FLOODING - DAM

METAPHOR

“The river of your hope is flooding.”

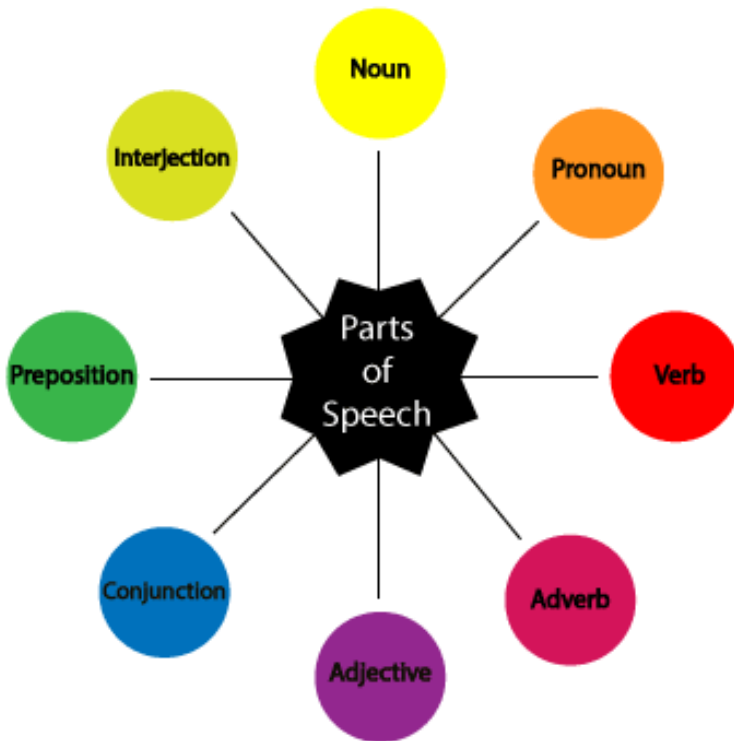
WRITE RELATED LEXICAL WORDS IN EACH COLUMN.

RIVER	HOPE

Metaphor: hope is a river.

4. Part of speech

A word's part of speech – noun, verb, adjective, etc., derivative forms, and grammatical patterns.



Suffix	Creates	Example
-ic	Adj.	angel → angelic
-ive	Adj.	mass → massive
-ly	Adv.	quick → quickly
-ate	Verb	vaccine → vaccinate
-ness	Noun	happy → happiness
-ity	Noun	active → activity
-ship	Noun	champion → championship

take a **walk**
take a **break**
take a **bath**
take a **look**

Coligation (pattern)

VERB+DET+NOUN
take + a + noun

Add (or not) something before or after the words. Then, complete the sentences.

___ afraid (adjective) ___

___ cook ___ (adjective)

___ cook ___ (verb)

___ cook ___ (noun)

___ courage ___ (noun)

___ courage ___ (adjective)

1. He was such a _____ man.
2. That takes a lot of _____. It's monumental.
3. "Why don't you give me a hand with the _____?" I asked Jitty.
4. Thanks for _____ dinner on the nights I work late.
5. If the onions need a bit more _____ time, continue cooking until they are tender.
6. He looked so calm, so _____. She couldn't understand it.

5. Register or Appropriateness

Whether the word is used in formal or informal communication.

wanna

want to

Scientists _____ predict earthquakes so they can minimize any damage or lives lost.

*The phone rings in the middle of the night
My father yells what you're gonna do with your life
Oh daddy dear you know you're still number one
But girls they _____ have fun*

6. Lexical field

Words often found together.

List the words related to:

- *education*

- *vacation*

6. Lexical field

Words often found together.

For example:

- *education*
 - *teacher, students, school, research, children, college, university, classes...*

- *vacation*
 - *summer, family, time, home/house, trip, destination, place, kids, island, season...*

7. Collocations

Words that are commonly used with the given (key)word to form an expression.

Example:

(key)word: **make**

- *make a difference*
- *make a decision*
- *make a living*
- *make a mistake*
- *make a deal*
- *make a wish*

do

make

*You need to _____ **a choice** on who you want to be with.*

*Mr. President. We elected you to _____ **a job**. We didn't elect you because you were black.*

8. Frequency of usage

How often the word appears in everyday communication.

Examples:

- 'the', 'a', and 'of' have high frequency of usage;
 - grammatical words have high frequency of usage;
- 10 most common verbs in English: be; have; do; say; get; make; go; know; take; see.

8. Frequency of usage

What are the most frequent prepositions for the word 'experience'?

8. Frequency of usage

What are the most frequent prepositions for the word 'experience'?

	<input type="checkbox"/>	CONTEXT	FREQ	
1	<input type="checkbox"/>	OF	11132	
2	<input type="checkbox"/>	IN	7148	
3	<input type="checkbox"/>	WITH	5649	
4	<input type="checkbox"/>	FOR	2223	
5	<input type="checkbox"/>	AS	1431	
6	<input type="checkbox"/>	AT	933	
7	<input type="checkbox"/>	ON	787	
8	<input type="checkbox"/>	TO	624	
9	<input type="checkbox"/>	FROM	425	
10	<input type="checkbox"/>	BY	304	

This study reports evidence about the **experience of** a specific group.
Nobody has **experience in** doing this.
We had very little **experience with** mobile app development.

Receptive and productive knowledge

- Knowing a word for listening and reading purposes
 - receptive word knowledge
 - ability to recognize and recall
- Knowing a word for speaking and writing purposes
 - productive word knowledge
 - ability to produce

Recognize, recall and produce

- **Recognize**
 - to identify as something or someone previously seen, known, etc;
- **Recall**
 - to bring back from memory; recollect; remember;
- **Produce**
 - to bring into existence by intellectual or creative ability;

RECEPTIVE	PRODUCTIVE
Recognize	Produce
Recall	

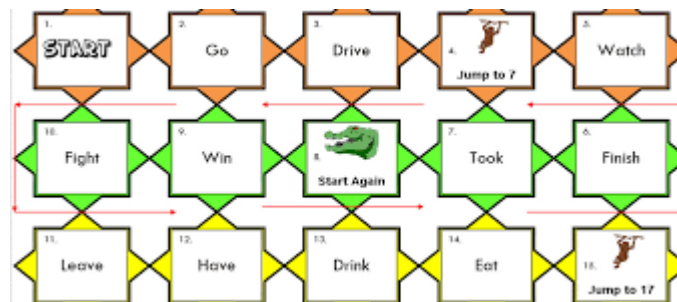
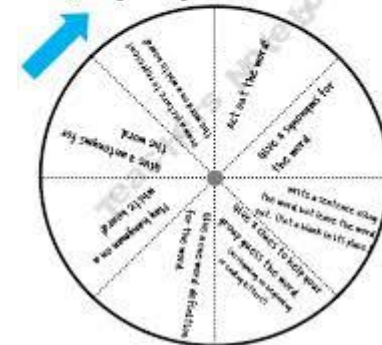
Vocabulary games

By research, word games have positive effect on vocabulary development.



GUESS MY WORD!

1. Choose a word from the wall.
2. Spin the Spinner.
3. Do what the wheel says to help your group guess your word!



Vocabulary games

- During vocabulary games, learners:
 - review
 - reuse
 - recycle
 - words
 - using receptive and productive knowledge

Attention



- Not all games, or activities, are created equal
 - some require learners to draw on more word knowledge than others
- To help teachers analyze the types of word knowledge, there's a specific tool:
 - Word Knowledge Matrix
 - Created by Nation (1990)

Word Knowledge Matrix

	Phonological form	Orthographic form	Conceptual meaning	Part of speech	Register	Lexical field	Collocations	Frequency of usage
Recognize								
Recall								
Produce								

Legend: X = definitely doing; P = possibly doing; S = silent production

Teachers fill in the matrix with:

- X = definitely doing
- P = possibly doing
- S = silent production
 - as opposed to spoken production



CORPUS AND GENRE

Corpus

- Job advertisements (Internet)
 - Texts: 130;
 - Word tokens: 33,732;
 - Types: 4,745.

- Text analysis for
 - study points;
 - considering general comprehension;
 - an idea of possible exercises for scanning.

Genre schematic structure - moves

Analysis for identifying genre moves:

1. job title
2. employer name
3. introducing job offer
4. offering incentives
5. soliciting response

① STORE OPERATIONS MANAGER

- ② Barneys New York, the world's leading luxury retailer is committed to providing the best of everything: merchandise, service and innovative people and ideas. We are seeking a highly motivated, forward thinking executive with the ability to balance
- ③ store control functions and excellent customer service. Candidate must have experience in CCTV management, alarms, key control, shortage detection and internal/external theft investigations. Qualified candidates must have exemplary communication and analytical skills as well as a minimum of 5 years Loss Prevention experience with 2 years in a supervisory role and proficiency in Excel/Word. Barneys
- ④ New York offers a competitive compensation, comprehensive benefits and a generous discount with an outstanding opportunity to grow in our exciting and progressive
- ⑤ company. If you like what you see, please forward your resume to hr@barneys.com or you may fax it to (212) 450-8489.

Word lists (frequency & keywords)

Frequency list

N	Palavra	Frequência	%
1	AND	1991	05,90
2	TO	997	02,96
3	THE	949	02,81
4	OF	798	02,37
5	A	624	01,85
6	IN	622	01,84
7	WITH	448	01,33
8	FOR	425	01,26
9	EXPERIENCE	287	00,85
10	IS	280	00,83

Word lists from corpora can be very useful for syllabus design.

Keywords

N	Palavra	Chavidade
1	EXPERIENCE	1569,75
2	SKILLS	1020,31
3	ABILITY	754,55
4	WEB	744,48
5	SALES	538,38
6	ONLINE	505,63
7	TEAM	451,36
8	REQUIREMENTS	420,1
9	MANAGEMENT	402,62
10	DENTAL	360,71

Plot information of keywords

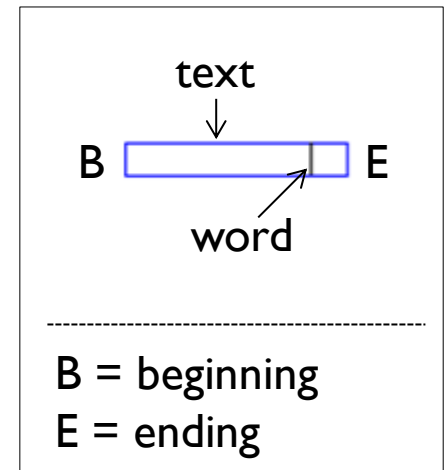
seeking

experience

skills

salary/benifits

resume



Concordances (KWIC)

seeking

New York Times on the Web (NYTimes.com) is seeking an ad trafficker/implementation specialist to join our Adve
Dental Center is seeking a General Dentist for several of its Houston-area locations
Nurse LOWELL PUBLIC SCHOOLS LOWELL MA. IS SEEKING APPLICANTS FOR: FT Registered Nurse PT lic. Nurse Applicati
RN/LPNBusy OB/GYN Office Looking for a full-timelicensed nurse to join our collaborative, clinic
Beautician/Hairdresser About the Job We are seeking a beautician/barber who can provide cosmetology/barber serv

skills

hard working and dedicated. Strong negotiating and sales skills . High energy and sense of humor a must.
flow of news.- Excellent written and oral communication skills .- Ability to work flexible night and wee
excellent communication, organization and interpersonal skills and the ability to take initiative in re
of Java - Knowledge of Unix - Software troubleshooting skills - Knowledge of the client / server relat
written and verbal communication skills. Mathematical Skills : - Basic math functions such as addition
quality materials to support the sale. Strong computer skills including Powerpoint and Excel are requi

resume

and excellent benefits. Interested candidate, please send resume to:HR, Avecia Biotechnology, Inc.125 Forti
Level candidates. If you are interested please submit your resume to: mxwllmktg@aol.com - No Attachments -
lives each day, we invite you to apply! Please e-mail your resume to hr@bestdoctors.com or fax to the numb-
--Family lives in the Burlington, VT area. Please email resume and cover letter to vtptchildcare@gmail.
and would like to pursue it, please apply by sending your resume in word, text, or html (not PDF) format.
a competitive salary and full benefit package. Please fax resume w/salary req. to: Bilt-Rite Construction,

Specific information for scanning

Keyword(s)	Information/questions
seeking; looking.	What is job title (offered position)?; What is the employer name?
experience; candidate; ability; skills.	What are the position requirements?
send; fax; email; resume; apply.	How to apply for the position? What is the e-mail address to send resume? What is the telephone number for contact?
salary; benefits.	What are the benefits offered for candidates?



B. KNOWLEDGE OF EXERCISE TYPOLOGY

Strategies for facilitating reading

Exercise type: **scanning questions**

- Scanning is a reading technique for speeding up reading
 - you look for a specific fact or piece of information
 - reading the whole text (word by word) is not necessary
 - it is useful for general comprehension

Important: extracting specific information from text is a real world task.

Task Based Learning

- **Create**
 - enabling tasks
 - final task



*You shall know a word by the
company it keeps*

(Firth, J. R. 1957:11)

Study the following concordance lines to do the exercises. First, you need to get used to understanding or guessing what a line is about. You don't have to understand exactly what the topic is (sometimes it is impossible); you just need a rough idea.

1 here's an additional fee. I have a printed schedule you can take a look at before you go. If you need cash less urgently, the m
2 sage is piece of paper. " When you have a minute, could you take a look at this? " I could see that he had a poem, typed on " "
3 a poem, typed on " " I thought we had that fixed. " " I'll take a look, " oered Tracie, helping herself to cornbread. " I mean
4 id Josh Earnest, the white House press secretary. " As they take a look at the agreement and the level of detail there is, it s
5 he brightest star in Taurus, the Bull. As twilight deepens, take a look at Mercury with binoculars. Just 2 degrees to its right
6 regnant with Preston. She was a college freshman who had to take a break from school and live with her parents for a few months
7 real time - when players are getting overworked and need to take a break. They've built in additional rest and teaching periods
8 RIEST FRIENDS # Chicago P.D.' s Sophia Bush and dog Griffin take a break from their walk for some kisses while out in Los Angel
9 7. # of that interview on Friday. But when we come back, I take a walk in the Louvre museum, home to so many of the world's gr
10 s even crossed her mind. Until now. # Hayley had decided to take a chance and accept an invitation to dinner from a strapping s
11 hunk of man off a major road? " he said. # But some drivers take a chance and park where they know they shouldn't. People think
12 harder than when you' re trying to convince an employer to take a chance on you. Make it easy for them to want to hire you by
13 he screamed and swung toward the entrance. Before she could take a step, the ceiling collapsed. Amid dirt and fallen tile, moan
14 lled the air son's birthday, he's a huge fan, will you come take a picture with him. And I said of course I will. And so she's
15 And so she's . " When I get back to my dormitory, I plan to take a shower and brush my hair a hundred times. A hundred times fo
16 sacrament of reconciliation we are invited to stop; just to take a breath; to be honest about our lives; to be honest about it
17 in the life. " If there's one extra sandwich, we would each take a bite and pass it around, until it's gone. " He and his fello
18 ellow is always clean. # 12:00 P.M. I don't get dressed and take a bath until lunchtime because I am doing a dirty job, paintin
19 So experienced. He'll know it's a lot harder for snipers to take a shot if they see a child in the scope along with the target.
20 d invited some of the world's most imaginative designers to take a shot at reinterpreting our own iconic logo (page 74). In fac
21 's worth it for them to invest to a few million dollars to take a shot. What we're seeing is profitability, very early on in t
22 " # the head of the Kurdish province in Iraq. I want you to take a listen to what he said about the war. into the Senate. " I w
23 d about the war. into the Senate. " I walk in, and I try to take a seat in the last row of the class. I put my head down, and b
24 down, and be no more of them. It is time for our church to take a stand against the violence of war, especially the inherently
25 by figuring my home. Not near my desk and my bed to rest or take a nap on whenever I want to. Not near my typewriter, even thou

Time: 5 minutes

Exercise

- For each concordance line:
 - identify the first word that follows ‘take a’.
 - what kind of word is it? (*POS)
 - suggest a translation for the bundle: ‘take + a + <word>’.

Model:

LINE #	TAKE +A+	POS	TRANSLATION
1	look	noun	dar uma olhada
2

*POS (part of speech): noun, verb, adjective, adverb, pronoun, preposition, conjunction, interjection, numeral, article or determiner.

Take + a + <word>

LINE #	TAKE +A+	POS	TRANSLATION	G
1				A
2				A
3				A
4				A
5				A
6				B
7				B
8				B
9				B
10				B
11				C
12				C
13				C
14				C
15				C

Take + a + <word>

LINE #	TAKE +A+	POS	TRANSLATION	G
16				D
17				D
18				D
19				D
20				D
21				E
22				E
23				E
24				E
25				E

Complete the gaps with the items below:

- a. take a bite
- b. take a break
- c. take a chance
- d. take a listen

- e. take a look
- f. take a nap
- g. take a picture
- h. take a shot

- i. take a step
- j. take a walk

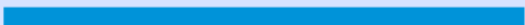


















1 and my neighbor, exhausted, had lain down on the sofa to
2 prefers certainly will help. Go on the school's website and
3 they he put it, his hair phase. Recently he had decided to
4 had all the action. Now that filming was over, I decided to
5 ined to give preference to the foreign products rather than
6 les of his galoshes. He pulled his right foot up sharply to
7 of human hair. The scientists use an electron microscope to
8 s was a one-issue candidacy. He was a pro-choice candidate.
9 et-evolved-quick schemes, but there's always someone who'll
10 rries the up, it's all part of a police officer's training.

_____ . His wife was in the kitchen doing the last of the dish
_____ at the admissions department page. It will tell you wh
_____ from painting in favor of making sculptures from blac
_____ around the property. I'd never been to the plantation
_____ on a small young Russian company. But now, our costs
_____ . The adhesion of the thick mud created a strong downwa
_____ of each cross section, then use a computer to order
_____ to what he said when he announced his campaign for p
_____ from the forbidden fruit. There's always someone who u
_____ of pepper spray so they know how it feels. Unidentifie

Verbos deslexicalizados

- verbos de alta frequência são geralmente considerados deslexicalizados
 - verbos usados com substantivos
 - o sentido recai no substantivo
- possuem sentido independente muito vago e, por isso, necessitam de complementação

Colocação: *take + a + noun*

1	★	TAKE A LOOK	10071	
2	★	TAKE A BREAK	4681	
3		TAKE A LOT	932	
4	★	TAKE A WALK	652	
5	★	TAKE A CHANCE	639	
6	★	TAKE A STEP	633	
7	★	TAKE A PICTURE	624	
8		TAKE A WHILE	591	
9	★	TAKE A STAND	559	
10	★	TAKE A SHOWER	505	
11		TAKE A MOMENT	461	
12		TAKE A COUPLE	448	
13	★	TAKE A NAP	429	
14	★	TAKE A SEAT	338	
15	★	TAKE A LISTEN	323	
16	★	TAKE A SHOT	315	
17	★	TAKE A BREATH	314	
18	★	TAKE A BITE	297	
19	★	TAKE A BATH	291	

Atividade 6

- Analise as concordâncias de:
 - *'take on'*
 - *'take me on'*
- Responda as perguntas para cada item lexical listado anteriormente:
 - Quais são os principal sentidos identificados na análise das concordâncias?
 - Quais padrões de uso podemos identificar?
 - colocação
 - coligação
 - prosódia semântica (positiva; negativa; neutra)

Take on

Women were compelled to take on new roles which undercut the conventional notions regarding as an introduction to the theory for those who have yet to take on the role # Every year in the UK over 3,000 women will be

Allowing teachers to take on leadership roles not only has an impact on their classrooms Most of these students will eventually take on professional roles where they will no longer have access to

Some strategies call for students to take on leadership roles, such as tutoring, although the role of share leadership responsibilities and allow teachers to take on leadership roles, the type of collaboration that follows elevates her family to hero status, Amalia also begins to take on leadership qualities by demanding change and equal rights emotional and instrumental support and encouragement to take on a proactive advocacy role for their child, have an impact

Bird in flight; dinosaur begins to take on skin and shape # * 1:50 Bird flies among three flying about the extent to which younger college participants take on authentic identities as higher education students have been embracing technology and change, a learning commons will take on a shape unique to the personality and aspirations of the said she understood that not every nation was prepared to take on as large a burden as her country was doing. But she said it

The expectation is that counselors will take on the work and pick up additional work left behind by teacher curious individuals with innovative spirits who seek and take on new challenges, develop rich thinking processes, and visual

They are also encouraged to take on small leadership experiences and teach the activities on while I am sure there are librarians willing to take on this task, the fact of the matter is that having a in the quick service restaurant industry for 35 years, will take on the position Jan. 21. " Krystal is a brand with a unique

In both the Finland and Singapore contexts, teachers take on the first level of responsibility for guidance and support. teachers or those who enjoy numbers may be more able to take on billing challenges than a teacher more inclined toward the their time and energy to sections and committees, and take on tasks large and small for the good of ALCTS and the which are a critical source of information for students, take on a responsibility not only to provide access to materials often an employer directly trains an existing employee to take on various basic OH responsibilities.

Defense Secretary Ashton Carter should take on what they refused to do. The current policies leave what further training and support would you need in order take on this task safely and effectively? # LEARNING POINTS # policy, is to enable Syrians to defend themselves and to take on the Islamic State militant group, partner nations behind

Take me on

happens , I usually like to let the melody take me on a journey itself . So when I sit back ,
said . # Since we had time , Richter agreed to take me on a tour of the plant . It took well over
business when a superhot guy I met offered to take me on a boat ride . I was tempted , but something
lawn . " First you get me drunk , then you take me on a forced march , " Tess was saying as they
to me ! She told me my father was going to take me on a fishing trip , and he died the next morning
when I was young my father promised to take me on a bear hunt . He was an expert on bears
will shut soon for prayer time and so he will take me on a date to the shopping mall .
humans , including me . Wedeen has offered to take me on a journey through my own head .
But I was anxious to know where Bob planned to take me on a day when the temperature was dropping steadily in
backyard and pretended someone was coming to take me on an adventure . All it would take was a little
said . " You could sell choupique . You could take me on as a partner . " There Rodney went again .
the mercy of the Foreign Service -- get them to take me on as a secretary , a cleaning lady , anything .
six , Dad got me every other weekend . Used to take me on drug deals -- said I was good luck . "
child , " he writes , " my father used to take me on excursions in the Highlands , where I fished a good
through Bunker Hill . Usually she did n't take me on her dates , but that day she was feeling especially
would some stranger I met in a bar agree to take me on his yacht for a week ? You could n't buy
would become an unironic ideal . She would take me on long walks through Manhattan and point to where the
southern Iraq in the 1960s , nay family used to take me on picnics to the Great Ziggurat temple and the royal
food , because Bob 's is where my dad used to take me on special occasions . We called it " Big Bob 's
was in a rush to leave . # He never did take me on that bear hunt . He visited a couple of years
, kissing the back of her closed right hand . " Take me on the roller coaster , and you can have the prize
and did n't want me around . They did take me on their so-called picnics in the cemetery , but only
course , is that many people were willing to take me on trust , to offer me a " just return "

Atividade 7

- Elabore uma sugestão de tradução para o refrão da música '*Take on me*':

7 ***Take on me***

8 ***Take me on***

9 ***I'll be gone***

10 ***In a day or two***

Take on me

- 1 We're talking away
- 2 I don't know what I'm to say
- 3 I'll say it anyway
- 4 Today's another day to find you
- 5 Shying away
- 6 I'll be coming for your love, OK?
- 7 **Take on me**
- 8 **Take me on**
- 9 **I'll be gone**
- 10 **In a day or two**
- 11 So needless to say
- 12 I'm odds and ends
- 13 But I'll be stumbling anyway
- 14 Slowly learning that life is OK
- 15 Say after me
- 16 It's no better to be safe than sorry
- 17 **Take on me**
- 18 **Take me on**
- 19 **I'll be gone**
- 20 **In a day or two**
- 21 Oh the things that you say
- 22 Is it life or just to play my worries away
- 23 You're all the things I've got to remember
- 24 You're shying away
- 25 I'll be coming for you anyway
- 26 **Take on me**
- 27 **Take me on**
- 28 **I'll be gone**
- 29 **In a day or two**

Tradução sugerida por usuários

Take on me

Vote na melhor tradução

x

Escolha uma das sugestões abaixo ou adicione uma nova



Aceite-me

👍 30



Me namore

👍 10



Me pegue

👍 3

Participe das traduções do Vagalume!

Acesse para sugerir e votar nas melhores traduções!

Take me on

Vote na melhor tradução

Escolha uma das sugestões abaixo ou adicione uma nova



Venha na minha

👍 30



Fique comigo

👍 10



Leve-me em

👍 3



Mão direita de mim

Participe das traduções do Vagalume!

Acesse para sugerir e votar nas melhores traduções!

References

- FLOWERDEW, J. Concordancing as a tool in course design. *System*, v. 21, n. 2, p. 231-244, 1993.
- HOLMES, J. Working Papers n° 4: Stages, Strategies and Activities. PUC. São Paulo, p. 20. 1982.
- HUNTCHISON, T; WATERS, A. *English for Specific Purposes*. Cambridge: Cambridge University Press, 1987.
- Kitconc. (2009). (Versão 4.0) [Software]. Moreira Filho, JL: Autor. Retrieved 10 April, 2017, from <http://ilexis.net.br/kitconc4>
- MOREIRA FILHO, J. L.. Uso de um software de preparação semi-Automática de atividades de Leitura com corpora na elaboração de uma unidade didática. *Pesquisas em Discurso Pedagógico (Online)*, v. 2, p. 1-19, 2008.

References

- LORENZUTTI, N. (2016). Vocabulary Games: More than Just Wordplay. *English Teaching Forum*, v.54.p.2-13.

Sites

Corpus of Contemporary American English

<http://corpus.byu.edu/coca/>

Antconc

<https://www.laurenceanthony.net/software/antconc/>

Kitconc (Desktop)

<https://github.com/ilexistools/Kitconc-desktop.git>

Kitconc Python (New version)

<https://pypi.org/project/kitconc/>

<https://www.youtube.com/channel/UChCX3WbRQMj7CjnY8ECjGHw>

(Graphical interface coming soon.)