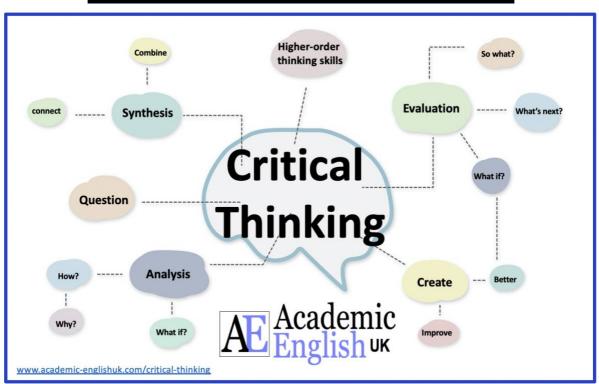




Critical Thinking



Lesson PDF Book

EXAMPLE

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Lesson Plan: Critical thinking EXAMPLE

Lessons: introduction / definition / listening / reading / speaking / extras

Time: 4-5 hours Level: *****[B1/B2/C1]

Lesson Plan

Aim: to focus on critical thinking in great depth and develop a better awareness of how to use critical thinking skills.

1.Introduction: Critical Thinking Worksheet #1 [20-30 minutes]

- 1. Question 1: Ask Students to look at the two images and discuss what they see.
- 2. Answers: Image 1 can be a young girl or old woman. Image 2 can be a rabbit or a duck.
- 3. Rationale: Explain that we all see things in different ways or perspectives.
- 4. Question 2: Students read the definitions and write down key terms.
- 5. See Answer Page for key terms [pg.6].
- 6. Question 3: Students look at the level 4 criteria and identify elements of critical thinking.
- 7. See Answer Page for highlighted sections [pg.7]. Generally, it is in the two sections of cognitive/ Intellectual skills (60-100 band range) and Use of research-informed literature (70-100 band range).

2. Dictogloss – Critical thinking definition (test questions) [30 minutes + feedback]

Refer to dictogloss teacher's notes in this PDF Book [pg.9].

3.Listening: Lecture (test questions) [1:30 minutes + feedback]

• Refer to lecture listening teacher's notes in this PDF Book [pg.14].

4.Reading Text (text analysis) [60 minutes + feedback]

• Refer to reading test teacher's notes in this PDF Book [pg.24].

5.Speaking: a discussion [30+ minutes + tutor feedback]

Refer to speaking summary teacher's notes in this PDF Book [pg.30].

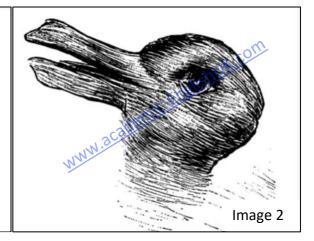




Critical Thinking Worksheet #1 EXAMPLE

1. What do you see in these two images?





2. What is critical thinking? Read these university definitions.



3. Critical thinking is an important part of university assessment. Identify on the criteria where critical thinking is assessed:

Marks	0-25 (Fail)	26-39 (Fail)	40-49 (3 rd)	50-59 (2.2)	60-69 (2.1)	70-85 (1st)	86-100 (1 st)
Assessment categories							
Knowledge & Understanding of	Major gaps in knowledge and understanding. Significant inaccuracies.	Gaps in knowledge and superficial understanding. Some	Threshold level. Broadly accurate knowledge and	Sound, routine knowledge and understanding of the	Good, consistent knowledge and understanding of the	Detailed knowledge and understanding of the main concepts/ theories	Highly detailed knowledge and understanding of material, concepts and theories at this
Subject	•	inaccuracies.	understanding of the	material, main	- 1	at this level. Beginning	level. Awareness of the
M,			material. Some elements missing and	concepts and key theories.	and key theories at this level.	to show awareness of the limitations of the	ambiguities and limitations of knowledge.
NY			flaws evident.	Some flaws may be evident.		knowledge base.	
٠	Brief and irrelevant.	For the most part	Threshold level.	Issues identified	Good analytical ability.	Very good analysis	Logical, articulate analysis a
Intellectual Skills	Descriptive.	descriptive. Views/ findings sometimes	Some awareness of	within given areas.	Acknowledgement of	throughout. Perceptive	consistent feature. Persuasive
(e.g. analysis and	offered. Unsubstantiated	illogical or	argument emerging	awareness of	Arguments generally	made within given area.	work within a highly
synthesis; logic	generalisations. Little or no	contradictory.	though not	different stances and	logical, coherently	Explicit	articulate, balanced argument.
and argument; analytical reflection:	attempt to draw	Generalisations/ statements made with	completely coherent.	ability to use	expressed, well organised and	acknowledgement of	Judiciously selected evidence, drawn from relevant research
organisation and	C	scant evidence.	support views, but	coherent argument.	supported.	Arguments well-	Convincing conclusions.
communication of	E	Conclusions lack	not always	Broadly valid	Sound conclusions.	articulated, and	ζ'
ideas and evidence)	ne	relevance and/or validity.	consistent. Some relevant conclusions	conclusions		logically developed with a range of	lis
	iis			sh		evidence.	nl
				<u>U</u>		Strong conclusions.	JK
Use of	No evidence of reading.	Evidence of little	Threshold level.	Knowledge of	Knowledge of the field	Critical engagement	Exceptionally wide range of
Research-informed	Views are unsupported and	reading appropriate	Some evidence of	ag .	of literature	with appropriate	relevant literature used
Literature	non- authoritative. Academic conventions	and/or indiscriminate	reading, with sunerficial linking to	text(s). Literaure	appropriately used to	reading. Nnowledge of research-informed	critically to inform argument, balance discussion and/or
(including	largely ignored.	use of sources.	given text(s).		Research-informed	literature embedded in	inform problem-solving.
referencing,		Academic	Some academic	Academic skills	literature integrated into	the work.	Consistently accurate and
appropriate academic		conventions used	conventions evident	generally sound.	the work. Good use of	Consistently accurate	assured use of academic
academic honesty)		weakly.	and largely		academic conventions.	use of academic	conventions.
			some weaknesses.			COLLYCHIODS.	

Source: Generic university assessment criteria at level 4 (Year 1 university level)







Definition: Critical Thinking

EXAMPLE

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Dictogloss: Critical Thinking EXAMPLE

Topic: Education
Level: ***** [B2/C1]

Vocabulary: Critical thinking terminology [words connected & associated with critical thinking].

Grammar: verb + noun collocations [ask for (verb) clarification (noun)].

Time: 20-30 minutes.

Lesson Plan

- 1. Activate schemata what do you know about critical thinking?
- 2. Try to elicit key vocabulary: cognitive / synthesis / analysis / evaluation / merit / validity / criticality / inquiry / self-reflection / clarification / open-minded

Dictogloss

- 3. Read out the text 2 times at normal speed & students take notes.
- 4. Then in pairs / threes try to construct the whole text [10-15 minutes].
- 5. Teacher Feedback Check to original.
- 6. Noticing skills ask students to highlight verb + noun collocations [10] [give the first one as an example: associated with (verb) Socrates or someone (noun)]. Then ask them to highlight all the key critical thinking terminology [15].

Dictation					
Critical thinking, derived from the ancient Greek and often associated with					
Socrates (450BC), means . Universal scholarly agreement is based on the					
understanding that it is the cognitive skills of synthesis, and					
evaluation to determine merit, affirm true worth and assess in any discourse.					
Criticality is an and reflects the ability of of one's mind through					
initiating discussion of always asking for clarification, or theories					
and drawing open-minded .					
Author: Wilson, C (2017) Academic English UK.					



Dictogloss Critical Thinking EXAMPLE

Listen and make notes:	
Multiple the consulate management	
Write the complete paragraph	



Student's copy EXAMPLE

Critical thinking, derived from the ancient Greek and often associated with				
Socrates (450BC), means . Universal scholarly agreement is based on the				
understanding that it is the cognitive skills of synthesis, and				
evaluation to determine merit, affirm true worth and assess in any discourse.				
Criticality is an and reflects the ability of of one's mind through				
initiating discussion of always asking for clarification, or theories				
and drawing open-minded				
Author: Wilson, C (2017) Academic English UK.				
×				
Highlighted work I noun collecation				
<u>Highlighted: verb + noun collocation</u>				
Critical thinking, derived from the ancient Greek and often associated with				
Socrates (450BC), means . Universal scholarly agreement is based on the				
understanding that it is the cognitive skills of synthesis, and				
evaluation to determine merit, affirm true worth and assess in any discourse.				
Criticality is an and reflects the ability of of one's mind through				
initiating discussion of always asking for clarification, or theories				
and <u>drawing</u> open-minded .				
Highlighted: Key critical thinking terms:				
Critical thinking, derived from the ancient Greek and often associated with				
Socrates (450BC), means . Universal scholarly agreement is based on the				
understanding that it is the cognitive skills of synthesis, analysis and evaluation				
to determine merit, affirm true worth and assess validity in any discourse. Criticality is an				
and reflects the ability of one's mind through initiating				
discussion of always asking for clarification, or theories and				
drawing open-minded .				





Critical Thinking

EXAMPLE

Academic Lecture: an introduction to critical thinking

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Critical Thinking: an introduction EXAMPLE

[listening test questions]

Author: C. Wilson **Date:** March 2020

Time: 10:01

Level: ***** [B2/C1]

Lecture: https://youtu.be/RyqFD5OAJ40

PowerPoint Download: Download link in paid version...

Check these words before listening:

Key vocabulary	
Critical thinking / criticality / higher-level thinking skills	
2. / evaluation	
3. Elements / aspects /	
4. A taxonomy / a classification	
5.	
6. A premise	
7. Credible	
8.	
9. To interfere	
10. To determine	
11. An	
12. A sponge / to absorb	
13. to pan for gold (metaphor)	
14. To i / to examine	
15. Assumptions / reasoning	
16.	
17. Profound	
18. Inventiveness	
19.	
20. Strategies	
21. To	
22. A life-long process	
23. To be	
24. Exploration	
25. To draw attention to	
26. opinions	





Teacher

LISTENING TEST QUESTIONS

Aim: to develop the students' ability to listen to a 10 min+ lecture, to take notes and then use those notes to answer a range of test- type questions.

Lesson Time: Approximately 1:30-2:00 hours

Lesson Plan

1.Lead in

- 1. Ask Students to discuss the 'title' and predict the content of the lecture.
- 2. Ask students to write down key terms / language from the discussion.
- 3. Feed in / check key vocabulary.

Three types of lesson

Lesson#1: [hard]

- 1. Students listen once take notes.
- 2. Give <u>5 minutes</u> to tidy notes.
- 3. Listen again and add to notes (use a different colour pen).
- 4. Give out questions set 20-25 minutes to answer.
- 5. Feedback answers (give out answers or go through on board).

Lesson #2: [medium]

- 1. Students listen once take notes.
- 2. Give out questions: Set <u>15 minutes</u> for students to answer questions from notes.
- 3. Listen again students answer the missed questions as they listen.
- 4. Give extra 10 minutes to consolidate answers.
- 5. Feedback answers (give out answers or go through on board)

Lesson #3: [easy]

- 1. Give out questions students have <u>10 minutes</u> to look at questions.
- 2. Students listen and answer questions.
- 3. Give 5 minutes to tidy answers.
- 4. Students listen again check answers and answer missed questions.
- 5. <u>5-10 minutes</u> to tidy answers.
- 6. Feedback answers (give out answers or go through on board).





Critical Thinking: an introduction **EXAMPLE**

by C.Wilson (2020)

2. What are the	of the lecture?	1			/:
1 A defir					
2					
3					
4					
5					
<u> </u>					
3. Critical thinking def	finition – fill in the mis	sing words [1st le	tter is gi	ven]	/
ritical thinking is a i	_	avaluation of the		idoacan	d theories of
	5			, lueas all	
	critical thinkir	-			in order to
	opinion of				
	a basic level, we are				-
re iv. o _	a	nd supported by	v. a	evider	nce/ 5
Alternative thinking s	tyles				/
					/:
	tyles s of the academic autl			earch?	/:
5. What are the name	s of the academic autl		heir res	earch?	/:
5. What are the name	s of the academic autl			earch?	
5. What are the name Names	s of the academic autl	nmes=2 points]		earch?	
5. What are the name Names 6. The alternative thin What are the names	s of the academic auti	nmes=2 points]		earch?	
5. What are the name Names 6. The alternative thin	s of the academic auti [2 na	table.		earch?	
5. What are the name Names 6. The alternative thin What are the names of the two styles?	[2 na hking styles – fill in the i. The sponge	table.		earch?	
Names 5. The alternative thin What are the names of the two styles? Name a	[2 na hking styles – fill in the i. The sponge	table.		earch?	
5. What are the name Names 6. The alternative thin What are the names of the two styles? Name a	[2 na hking styles – fill in the i. The sponge	table. ii. iv.	Date	earch? thinking is chal	/:
6. What are the name Names 6. The alternative thin What are the names of the two styles? Name a of this style.	[2 nanking styles – fill in the i. The sponge	ii. iv.	Date	thinking is chal	/ 3



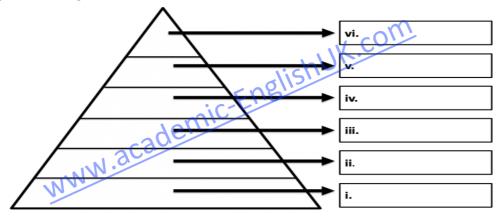


www.academic-englishuk.com

7. What is	?	
		/1

Bloom's Taxonomy Pyramid

8. Complete the diagram.



__/6

Higher-level thinking skills

9. Read these statements and decide if they are true or false.

		T/F
1	Analysing is judging, assessing and through using what you know to	
	make your views.	
2	Analysing content is to recognise , logical reasoning of	
	data.	
3	The three analysing questions are Why? How? and ?	
4	Evaluating is down into separate components, looking	
	relationships between .	
5	To be good at evaluating, you need a knowledgeable understanding of the topic.	
6	The two evaluating questions are so ?	
7	Creating analysing and evaluation elements of the taxonomy to	
8	Creating questions are, how it could be improved or changed?	
		1

•			 /8
	10. What is the	the lecturer to begin critical thinking?	
			/2





www.acad	lemic-eng	rlishu	k.com

11. Is cri	tical thinking a quick	? why? w	hy not?
i.	Yes		No
ii. Why	? Why not?		
iii. Who	by?		
iv. Wha	at did the state?		
Critical a	analysis of the lecture		/4
	cal questions were	at the end	of the lecture. Write
0	Why did I do this lecture?		
1			
2			
3			
4			
5			
Final po		lecture	/5
Reflection	on t have you learnt in today's le	cture?	/1
	in the state of th		



Total Score ____ / 46



5

Critical Thinking: an introduction ANSWERS

EXAMPLE

•	14/L				1	-
1.	wnat	is the	title	or the	lecture	٠.

'An intr	oduction to critical thinking at university'.	
		[must include all 7 words]
2. What	are the five key parts of the lecture?	/1
1	A definition	
2	Alternative thinking styles	
3	Bloom's taxonomy	
4	Simplistic suggestion	

/4

3. Critical thinking definition – fill in the missing words

Critical thinking questions

Critical thinking is a i. <u>systematic</u> evaluation of the arguments, ideas and theories of others. The basic

ALL ANSWERS IN PAID VERSION...

Transcript: An introduction to critical thinking at university

by C. Wilson (2020)

Hello and welcome to my short lecture today on 'an introduction to critical thinking at university'. So just to begin, I think I should say that critical thinking is a huge area and to cover all elements will take a significant amount of time so I'm just going to look at the basic key aspects associated with reading and writing at university. I've divided my lecture today into five key parts: I'll begin by defining critical thinking, then I'll use recent research to discuss alternative thinking styles, I'll then use Bloom's taxonomy to highlight higher-order thinking skills which leads into a simple approach to help activate your critical thinking skills. And finally, I'll demonstrate critical thinking questioning on this lecture. Ok, so let's begin with a definition. Basically, critical thinking is a...

THE TRANSCRIPT IS INCLUDED IN PAID VERSION...







Critical Thinking

EXAMPLE

Reading Text Analysis

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Critical Thinking: Reading Text Analysis 1

FXAMPLE

Lesson Plan

Aim: to provide quality practice in developing analytical critical reading skills.

1. Preparation

- 0. Photocopy the reading text 'Critical thinking: going to university' for each student. Page 3
- Photocopy the answer sheet (one sheet between two). Page 4-5

2. Introduction

- Ask students to discuss: 'What is critical reading?'
- Try to elicit key terms and ideas: questioning / critique / analysis / evaluation / validity / evidence / bias / opinion / stance / credibility / reliability / synthesis
- EXTRA IDEAS! Go here: Critical thinking Dictogloss / Critical thinking videos / Bloom's Higher-level thinking skills https://www.academic-englishuk.com/critical-thinking

3. <u>Set up</u>

- Hand out the reading text 'Critical analysis text: going to university'.
- Explain that you want the students to apply the critical thinking skills of analysing and evaluating to the text.
- Give examples of the two terms:
 Analysis is to draw connections among ideas: to examine / to question / to compare.

 Evaluation is to justify a stand or decision: to judge / to identify support and credibility / to appraise / to critique.

4. The lesson

- As a whole group do the first paragraph together. Explain there are 4 possible problems.
- Give the students 5-10 minutes to read the paragraph and try to identify what in the paragraph can be questioned or critiqued.
- Students can do internet research to check information.
- Feedback individually or as a group using the answer sheet for guidance.
- Students work individually: Allow the students 20-30 minutes to read and highlight possible areas of question, critique or appraisal. Explain there are 10 possible problems to find.

5. Feedback:

- Feedback in pairs students share their ideas and justify their answers.
- Feedback as a whole class. Teacher highlights key answers and elicits other possible critiques.

Disclaimer: There are a variety of different answers to this activity.





Critical Analysis Text: Going to university **EXAMPLE**

by C. Wilson (2024)

The UK is the world leader in providing higher education with over 50,000 courses and 395 universities. Higher education has become increasingly popular over the last two decades with most young people choosing to go to university than work. In fact, 2022 saw a record level of 767,000 students attending university for their first year on a degree course. This trend is set to increase year on-year in the future.

000000000000000000000000000000000000000	. successful increase is due to the
introduction of student loans back in 1996 making in the UK can	ng university accessible for all (UK Gov, 2023).
from disadvantaged backgrounds, they can now According to UCAS (2023) a	. were accepted
2022 compared to 16	.1% in 2018.
This inclusivity is a positive step forward fo opportunities for all. Examples of this are sh	own in
seen gender equality in education and now	. In addition, the last ten years has seen also
seem genuer equality in education and now	clear differences in subject choice with 74%
of males studying engineering, construction	female
	and
over 300,000 students studying. This is closel course is	y followed by medicine with approximately
are agriculture and veterinary science	
is now a p	rerequisite for achieving a higher-
accessing a middle-class lifestyle. Many pay back to	well-paid jobs their student loans.
Overall, many graduates generally claim that be a , mee	It can et new people and experience independence.
For many, it is a personal journey of discovery	global job
References	
most popular undergraduate Available at:	





Possible critical evaluation ANSWERS

EXAMPLE

The <u>UK is the world leader</u> ⁽¹⁾ in providing higher education with over 50,000 courses and 395 universities. Higher education has become increasingly popular over the last two decades <u>with most young people</u> ⁽²⁾ choosing to go to university than work. In fact, 2022 saw a record level of <u>767,000 students attending university</u> ⁽³⁾ for their first year on a degree course. This trend is <u>set to increase year on-year</u> ⁽⁴⁾ in the future.

- (1) Untrue. America is the world leader in education.
- (2) Untrue. Most young people do not go to university. According to UK GOV (2024) statistics, only 35.8% of young people went to university in 2023.
- (3) Where has this data come from? No source.
- (4) Untrue. In fact, 2023 figures are lower at 757,000 (UK Gov, 2024). Could 2022 have been the peak in student numbers?

X0000000000000000000000000000000000000			. successful	000000000000000000000000000000000000000
introduction of student loa	ins back in 1996 n	naking universit	y accessible for	all (UK Gov, 2023).
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	in the UK can			000000000000000000000000000000000000000
from disadvantaged backg	rounds, they can	now get thems	selves out of the	e cycle of poverty.
According to UCAS (2023)	a 000000000000000000000000000000000000			. were accepted
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	2022 compared to	o 16.1% in 2018	3.	

(5) The introduction of student loans is true up to a certain extent in that it has improved accessibility. But what Property of the average student loan debt is £45,600 (UK Gov, 2023).

ALL ANSWERS INCLUDED IN PAID VERSION...







Critical Thinking

FXAMPLE

Speaking: discussion

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Critical Thinking: Speaking EXAMPLE

Lesson Plan

Aim: to provide quality practice in developing analytical critical thinking skills based on facts rather than feeling and opinion.

Background for this lesson: This lesson is based on the book 'Factfulness' by Hans Roslin. He generally argues that many people's worldview is dramatic and inaccurate. The over-dramatic worldview is very widespread. This has been demonstrated by Hans Rosling and the Gapminder Foundation (2005). For many years, he has posed people questions on various topics, ranging from poverty and wealth, to education, health and gender differences. The results of these tests have been discouraging: 'Everyone seems to get the world devastatingly wrong' concludes the authors (p. 9). By accessing credible data from the UN and World bank, the over-dramatic worldview can be replaced with a fact-based worldview.

Free source: https://www.gapminder.org/wp-content/uploads/Factfulness-Teachers-Guide-Eng-181010.pdf

Rationale: This lesson is based on 8 questions that many people get wrong. The idea is to get students to discuss the questions and to identify that opinions can often distort the way we see things. The teacher's notes are detailed and based on facts.

1. Preparation

- 1. Photocopy 'Critical thinking questions': cut-up one set per group (4-5 students).
- 2. Photocopy 'Critical thinking feedback sheet' on A3 paper: one set per group (4-5 students).
- Photocopy the 'Answer Sheet' (one sheet between two).

2. Introduction

• Ideally the students will have already studied the critical thinking theory and completed some of our easier activities from https://www.academic-englishuk.com/critical-thinking

3. Lesson

- Put students in groups of 4-5.
- Explain that they are going to have a discussion and need to apply critical thinking strategies.
- Give out the critical thinking feedback sheet and make one student in each group the designated recorder of ideas.
- Give out the card sets & set a time of 30-40 minutes. They must write ideas down and come to a mutual agreement if possible.
- Good idea! Do question one together. Give them 5-10 minutes to discuss and then feedback
 as whole group. Use the teacher's notes to guide your answers highlight the critical
 thinking strategy.

4. Feedback

- Feedback as a whole class.
- Each group could present their ideas for one of the questions.
- Teacher highlights key answers and elicits other possible critiques.





Critical Thinking Questions [≫..cut-up activity] EXAMPLE

1	Are the rich getting richer and the poor getting poorer?
2	Are 'developed countries' and 'developing countries' ?
3	Is the world getting better or worse?
4	Will world population growth increasing?
5	Are most people worried about the threat of terrorism?
6	• •
	In 1996, and black rhinos were all listed as endangered. How many of these species



Critical Thinking Feedback Sheet: write your ideas here: EXAMPLE

1	Are the rich getting richer and the poor getting poorer?
2	Are 'developed countries' and 'developing countries' ?
3	Is the world getting better or worse?
4	Will world population growth increasing?
5	Are most people worried about the threat of terrorism?
6	In 1996, black rhinos were all listed as endangered. How many of these species are more critically endangered today? Why? / Why not?
7	Which are the most countries in the world?
8	If we don't do something now about climate change, it will be too late. Do this statement?





Critical thinking **ANSWERS EXAMPLE**

The answers are based on statistical facts and evidence from the United Nations and the World Bank.

 Are the rich getting richer and the poor getting po 	orer?
NO – the question in itself is misleading. It suggests that	there is a 'gap' between the two
points, but in fact it is what is between the points that is mu	uch more interesting: the majority.
Using data from The World Bank (2019) 75% (5.7Bn) world	d's population are living in middle
	verty, 8.9% (680m) are super rich and
are high income economies. So, the question is	insignificant. The data
shows that there is no serious gap.	
Key critical thinking strategy: there are no gaps or separate at all. Always look for the majority.	e groups. The reality is
2) Are (developed countries) and (developing countries)	
2) Are 'developed countries' and 'developing countri	
NO- this term is possibly . The true question	•
developed country? According to the UN (2019), a developed	
services, electricity, education,,	size, tourism and
incomes. 75% of people live in middle-income economies	suggesting that 85% of countries
are now 'developed'. Many people use GDP per capita as a	an argument, but this is only one

ALL ANSWERS IN PAID VERSION...

