

Chris Kluwe: How augmented reality will change sports and build empathy

'I believe we can use augmented reality as a way to foster more empathy within the human species itself, by literally showing someone what it looks like to walk a mile in another person's shoes.'

INTRO DISCUSSION

- What do you know about augmented reality? What does it mean to have your experience augmented?
- Is this something you would use? Would Google Glass make your life better?
- Can you think of any other augmented reality technologies?
- Does this type of device cause any ethical problems? Are they important to consider?

COMPREHENSION

https://www.ted.com/talks/chris_kluwe_how_augmented_reality_will_change_sports_and_build_empathy

1. What is Kluwe's professional background?
2. What does he think is the first step to true augmented reality?
3. Why does Kluwe think that Google Glass and other technologies would be successful in sport?
4. According to Kluwe, how will augmented reality foster empathy in areas other than sport?
5. What examples does he give?

VOCAB

Vocabulary	Definition
1. Emergent	A. To make better, improve.
2. Augmented	B. Becoming more accepted or popular, or coming into existence.
3. Immersive	C. The ability to understand and share the feelings of another.
4. Hype	D. To help grow or develop.
5. To enhance	E. Monetary income
6. To foster	F. Extreme publicity or promotion from multiple different sources.
7. Revenue	G. Content (books, movies, TV, games) that deeply involves a person.
8. Empathy	H. Having increased value or additional benefits.

Gap Fill & Discussion

Complete the following questions using the vocabulary above and then discuss them with your group/partner.

1. Do you think that _____ technologies like Google Glass could really _____ empathy? Can you think of any examples other than those that Kluwe mentions?
2. What kind of implications do these technologies have for our privacy? How could this be used to generate _____ for companies?
3. How could we benefit from _____ reality without suffering a massive lack of privacy?
4. What other devices currently have a lot of _____ around them? What about those with negative _____?
5. In what way might Google Glass _____ your life – professionally? Personally?
6. Could _____, augmented reality technology diminish our experience of the real world?

GRAMMAR: Future Time Clauses

Preposition / Conjunction

Definition & Use

To show that something will happen immediately after another action is completed.

As soon as

- Let's go on vacation as soon as we have enough money.
- We will leave as soon as the taxi arrives.

Up to the event

- I'll stay here until you come back.
- We have to wait until he arrives.
- Let's stay inside until it stops raining.

Until

Not before (negative construction)

- I won't start cooking until you come home.
- I can't read the newspaper until I find my glasses.

As a preposition

- We'll wait until next Friday.
- I'll be here until the school closes.
- I can't wait until Christmas!

To prepare for possible future situations

In case

- I should take my phone in case somebody needs to contact me.
- Bring your coat in case the weather gets cold.

Preposition / Conjunction

Definition & Use

If...not

Unless

- Unless you save enough money, you won't be able to go on vacation.
(If you don't save enough money, you won't be able to go on vacation).
- I will arrive at 10am unless there is traffic(I'll arrive at 10am if there isn't traffic).

NB: Future Time prepositions/conjunctions are always followed by the PRESENT SIMPLE.

PRACTICE – Using Unless

Match the halves of sentences together using 'unless'

Please don't answer your phone in the cinema...

You can take this seat on the train...

Don't call me...

We are going to go to the beach tomorrow...

You can't watch cable TV...

Please don't feed the dog...

I won't buy a new car...

Let's go to that new restaurant...

...unless I have enough money.

...unless he is hungry.

...unless it is an emergency.

...unless an elderly or disabled person needs it.

...unless it's closed.

...unless you have a serious problem.

...unless you pay for a subscription.

...unless the weather is cold.

ROLE-PLAYS

In groups of three, decide whether or not to adopt Google Glass as a part of your business – either a football team or a restaurant & bar. Each student has different interests regarding the technology, and must use the grammar & vocab you have learned to reach a solution together.

Football/Soccer Team:

Team Owner

You think this technology is fantastic – the sooner you adopt Google Glass, the sooner you will start to win more games. Think of the advertising revenue you will gain from the added popularity!

Coach

You can see how the technology would benefit the team, and you want to win games, but you share your player's concerns. Winning games and having the best team is more important to you than money, regardless of the technology involved.

Player

You don't want to become a robot – you love playing football at a competitive level using your own skill and teamwork. You think this technology will destroy the game by removing players from the fast decision-making they need to do.

Restaurant & Bar:

Restaurant Owner

You want your waiters to wear Google Glass. The augmented reality software will allow them to see which tables need service - to order food, pay the bill or just refill their drinks, for example. Additionally, the use of voice recognition and recording means they won't have to write anything down or remember it. So much more efficient!

Consumer Rights Advocate

If all of the waiters wear Google Glass or similar technology, people's privacy will be compromised. Everybody has the right to privacy in a social setting. Waiters could record video and audio of customers and post it online, or use the data to exploit them. Google Glass could record credit card numbers and signatures when paying the bill. This is obviously a bad idea.

Waiter

Google Glass will definitely make your job easier, but if people refuse to come to the restaurant because they are afraid of losing their privacy, you won't have a job! There must be a way to ensure that privacy is maintained while using new technology like this. You don't want to use Google Glass unless your job is safe!