

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?

VOCABULARY

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?
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

Chris Kluwe: “**Once we have** that experience with GoPro and Google Glass, how do we make it more immersive?”

In time clauses that refer to future time (clauses with *if, when, after, before, as soon as, once, until, while* etc.) we use the present tenses:

*Say hi from me **if you see him**.* (present simple)

*Will you wait for me **until I get back**?* (present simple)

***As soon as I arrive**, I'll give you a call.* (present simple)

*You can play in the garden **when you have finished your homework**.* (present perfect, for a completed future action)

*I'll be waiting outside **while you are speaking to the doctor**.* (present continuous, for an action in progress in the future)

NB: Future Time prepositions/conjunctions are not followed by “will”.

When the movie ends, I'm going to bed. (**correct**)

When the movie ~~will end~~, I'm going to bed. (**incorrect**)

I'll feel more relaxed after I finish my project. (**correct**)

I'll feel more relaxed after I ~~will finish~~ my project. (**incorrect**)

PRACTICE 1

Complete the sentences.

Example: 1. He is going to leave. The room will be empty.

The moment he leaves, the room will be empty.

1. Jack is seeing the doctor tomorrow. He will be all right.
Soon after Jack
-

2. We are going to get married. We will live in Bristol.
As soon as we
-

3. You'll be hungry. You can take anything from the fridge.
Whenever you
-

4. I'm going to change my job. I must tell my boss.
Before I
-

5. They will be waiting for me. They will have enough time to prepare it.
While they
-

6. Peggy is coming tonight. She will help you.
As soon as Peggy
-

PRACTICE 2

With a partner, write a list of at least 5 events that will happen over the next few months.

Next, write down one thing that will happen immediately before or after each event.

Now put the two events into one sentence, using a future time clause with an appropriate conjunction (as soon as, after, once...etc.)

Example: I'll update my Facebook page. I'll do my English homework. (AFTER)

⇒ *I'll update my Facebook page after I've finished my English homework.*

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!