

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."

Chris Kluwe wants to look into the future of sports and think about how technology will help not just players and coaches, but fans. Here the former NFL punter envisions a future in which augmented reality will help people experience sports as if they are directly on the field - and maybe even help them see others in a new light, too.

<u>Level</u>	<u>Goals</u>	<u>Themes</u>
<ul style="list-style-type: none">• Upper-intermediate• Advanced	<ul style="list-style-type: none">• Future time clauses• Technology & business vocab	<ul style="list-style-type: none">• Technology• Sports & business• Equality & empathy

INTRO

- 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

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

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| 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 vocab words 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

As soon as To show that something will happen *immediately* after another action is completed.

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

Until 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.

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!

In case To prepare for possible future situations

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

Unless If...not

- **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).

PRACTICE

Using Unless

- **Sentence Matching**

SS to match halves of sentences together using 'unless' to reinforce concept & usage. See activities download for the required material.

- **Extra:** SS choose three sentences and change each into a sentence using "if...not."

For example:

'I am not going to go on vacation this year unless I can afford it.'

'If I can't afford it, I won't go on vacation this year.'

SPEAKING

Role-plays: Grammar focus

- Students are to use future time clauses and the vocabulary items to conduct role-plays (see activities download).
- In groups of three, students are to decide whether to adopt Google Glass as a part of their business – either a football team or a restaurant & bar. Each student has different interests regarding the technology, and must use the grammar & vocab they have learned to reach a solution together.

DEBATE

- Devices like Google Glass should be made illegal **until** new laws about privacy are created. **As soon as** this happens, the world will be ready for the widespread use of similar, **emergent** technologies.
- It is true that new, **augmented** reality devices could foster empathy, but they will also cause problems. Big companies will definitely exploit them for **revenue**, and this will cause more problems than solutions.
- Google glass won't actually **enhance** our experience of sports and other competitions, but instead take some of the "magic" away from the game. **Unless** we regulate its use, this technology will make sport boring. The players will be like robots, simply following the instructions given to them.

REVIEW

Error Correction

Correct the following sentences.

1. I don't watch TV unless the news is on.
2. We can sit near the front unless you don't want to sit at the back.
3. You will put on weight unless you eat fatty food.
4. Unless you will wear a thick coat, you will get very cold.
5. Unless they are showing an action film, we could go to the movies tomorrow afternoon.
6. You can borrow my car unless you ask me first.