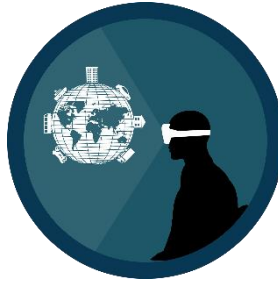


**The 7 Steps -**  
**October**



# Augmented Reality

## 1. CONTEXT

Mindmap anything you know about the topic, including vocabulary. Do some research online to help.

## 2. QUESTIONS

Read the listening questions to check your understanding. Look up any new vocabulary.

## 3. LISTEN

Listen and answer the questions using full sentences. Circle the number of times and % you understood.

### Listening Questions 1

1. What is virtual reality?  
\_\_\_\_\_.
2. What is augmented reality?  
\_\_\_\_\_.
3. Which organization developed some of the first AR technology and when?  
\_\_\_\_\_.
4. Name 3 industries that are using AR technology these days.  
\_\_\_\_\_.
5. What is Microsoft's HoloLens2 being used for?  
\_\_\_\_\_.

### Listening Questions 2

1. What is Pokémon GO and what smartphone function does it use?  
\_\_\_\_\_.
2. What can users receive at PokéStops?  
\_\_\_\_\_.
3. What percentage of the game's revenue is from the Japanese market?  
\_\_\_\_\_.
4. What issues have arisen from people playing the game?  
\_\_\_\_\_.
5. What happened in Norway in 2016?  
\_\_\_\_\_.

Listening 1				
1	2	3	4	5
%	%	%	%	%

Listening 2				
1	2	3	4	5
%	%	%	%	%

### Discussion Questions

1. Have you ever used AR technology before? What was your experience? If not are you interested in trying it?
2. Do you think AR tech will have a positive or negative effect on society in the future?

#### 4. CHECK ANSWERS

Read through the transcript and underline the answers. Check them against your own answers.

#### 5. CHECK VOCABULARY

Read the transcript and circle any new vocabulary you find. Look them up and add them to your list.

#### 6. READ ALOUD

Read the transcript aloud at least 5 times, focusing on intonation and pronunciation.

1	2	3	4	5
1	2	3	4	5

#### 7. SHADOWING

Say the transcript aloud at the same time as the audio without reading it. Circle how many times below.

1	2	3	4	5
1	2	3	4	5

### TRANSCRIPT 1

Many people are familiar with virtual reality, where a user's experience is completely replaced by an **artificial** one. Less well-known but gaining **momentum** in many fields is the concept of augmented reality. Augmented reality (AR) is a combination of real and virtual worlds that allows for real-time interaction.

Augmented reality technology has been utilized in various forms for decades, with one of the first truly mixed reality machines being developed by the US Air Force's Armstrong Laboratory in 1992. Since then the technology has been used in many different industries such as gaming and entertainment, education, architecture, urban planning, manufacturing, medicine and tourism.

While the technology got its start within the military, these days there is a lot of interest and buzz about these products in the private sector as well. Many products and services are bringing this technology to consumers around the world. In November 2019 Microsoft launched the HoloLens 2, the follow up to their first augmented reality headset. Interestingly, this headset is being used to help Lockheed Martin develop Orion spacecraft for NASA.

Artificial	Momentum	Designate	Hazard	Drawback
<b>Fill-in the blanks with the appropriate word / phrase above:</b>				
1. After the storm there were many _____s around town that people needed to be careful of.				
2. She was _____ the leader of the project due to her vast experience.				
3. The R&D department decided to use _____ materials in its new product to maintain quality.				
4. Teleconferencing software has gained a lot of _____ during the COVID-19 period.				
5. The main _____ of working from home is the lack of exercise that can cause health problems.				

### TRANSCRIPT 2

Pokémon Go might be one of the best-known examples of augmented reality in the world. Launched in 2016 as a joint venture between Niantic, Nintendo, and The Pokémon Company, it utilizes the popular Pokémon series of characters to create an augmented reality game. Using the GPS function found in smart phones, the game allows users to walk around the physical world to collect Pokémon in the digital space of the game. In addition, **designated** locations are labeled as PokéStops, which users visit in real life to receive in-game rewards and items. Other locations are marked as "Gyms," where players can battle against other users.

The game has been a huge success, with 147 million active users as of May 2018. It reached 1 billion downloads in 2019, and Japan accounts for 29% of its revenue as of 2019.

However, the game has also highlighted some of the **hazards** and **drawbacks** of augmented reality technology through a number of controversies. The game has been the source of a number of crimes and disturbances such as trespassing and accidents, as users lack awareness of their surroundings or respect for others' property when playing the game. The leader of the Liberal Party in Norway was also caught playing the game in a parliamentary session in 2016.