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Streaming Approaches for Europe – Enhancing the digital competences by streaming approaches for schools to tackle the challenges of COVID-19

O3 Classroom Materials

Aspect (2): Streaming Software

Module 4

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Classroom   material

Aspect (2): Streaming Software

Module 4: Stream yourself: Introduction to the use of the streaming software Streamlabs OBS

Streaming is playing an increasingly important role in today's world. Livestreams are becoming increasingly popular, especially among young people, and the biggest streamers in Europe are earning a fortune with them. In order to be able to carry out a livestream, various requirements must be met. First of all, the streamer needs a streaming platform, the best known of which is **Twitch.**

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On Twitch, viewers mainly find what they are looking for in the **area of gaming** and **entertainment**, since this is the area where the most influential streamers are on the move, **Twitch is also the most influential platform.**

YouTube also offers a comparable service, although YouTube also offers more serious livestreams from the areas of news, politics and education. However, YouTube also focuses on gaming and entertainment.

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The situation is different with **Facebook Live**.

Facebook also offers the possibility of livestreams, but concentrates less on the entertainment sector and instead addresses private individuals and, above all, companies. Instagram, which also belongs to Facebook, offers a suitable streaming platform for private individuals. So there are various streaming platforms, which one is chosen depends on the target group and the content of the streamer.
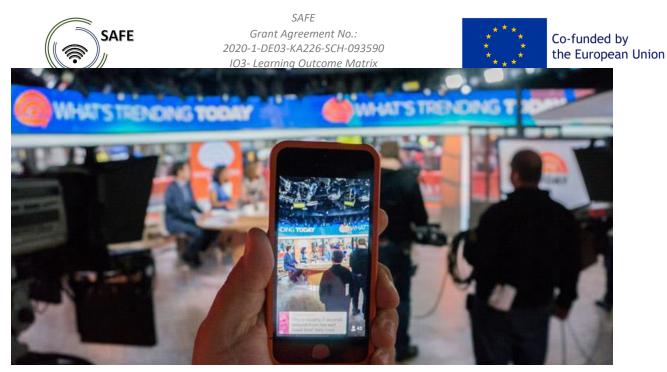
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Insights: Streaming Software

Streaming is playing an increasingly important role in today's world. Livestreams are becoming increasingly popular, especially among young people, and the biggest streamers in Europe are earning a fortune with them. In order to be able to carry out a livestream, various requirements must be met. First of all, the streamer needs a streaming platform, the best known of which is **Twitch.**

On Twitch, viewers mainly find what they are looking for in the area of gaming and entertainment, since this is the area where the most influential streamers are on the move, Twitch is also the most influential platform. YouTube also offers a comparable service, although YouTube also offers more serious livestreams from the areas of news, politics and education. However, YouTube also focuses on gaming and entertainment. The situation is different with Facebook Live. Facebook also offers the possibility of livestreams, but concentrates less on the entertainment sector and instead addresses private individuals and, above all, companies. Instagram, which also belongs to Facebook, offers a suitable streaming platform for private individuals. So there are various streaming platforms, which one is chosen depends on the target group and the content of the streamer.

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In order to be able to stream at all with the streaming software, a variety of hardware is sometimes required. Depending on the quality and target group of the stream, a PC and microphone are sufficient for streaming. However, most successful streamers have several PCs and screens, various cameras and microphones, ring lights for lighting, so-called stream decks and sometimes also soundproof mats, as it can often get emotional and loud, especially in the gaming sector. However, the stream decks are especially important here. Stream decks are similar to small DJ consoles or keyboards on which there are different keys that can be assigned as desired. This makes it easier to switch between different screen and camera settings. The best-known ones are produced by the company Elgato, which is also strongly represented in the field of cameras and microphones and specialises in streaming.

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Task 1

You are to develop a streaming platform for digital teaching that can be used by teachers of all types of schools in the entire federal state of your country. Think of a suitable name for the platform, paying attention to conciseness and simplicity!

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Task 2

Now think about which functions are necessary for lesson streaming and tick
the corresponding boxes!

| Screen transmission |

| Data security |

| Kameraübertragung |

| Camera transmission |

| Chat |

| Donate function |

| Emotes (emojis in chat) |

| Password protected streams |

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Task 3

Finally, describe in a few sentences what the concept of your streaming platform would look like and which functions it contains. Prepare to present your concept in plenary!