

Title:	<a href="#">Applying pixilation to protect visual identification</a>
Brief description of clip	In this clip the identity of a famous character portrayed by Les Guignols is obscured using pixilation. The objective in this example is to encourage closer listening in order to identify the character. This technique could also be used to obscure individuals caught in shot who do not give their permission for inclusion in a finished recording.
Difficulty rating (easy/intermediate/complex)	Intermediate
Recommended CEFR level	B2+
Technical details	<p>If you are going to make a recording freely available or broadcast it you will need the agreement of those who appear in it. If a participant is too young to give their permission, you should seek the permission of their parent or guardian. If this is not given you may need to obscure their identity using a pixilation technique. This can be a complex editorial process. Simpler mobile phone apps are becoming available too.</p> <p>It can be achieved using iMovie for Mac or Windows Movie Maker for PC. In this instance the recording was downloaded as an mp4 file and then edited using Final Cut pro, an Apple product. The Censor filter from the video effects browser link was used to increase the pixel size in a defined area. If the subject you need to pixelate moves around it is more complex. To make the pixilation follow a subject you need to use key frames to animate the movement of the pixilation so that it continually follows the subject. Masking identity becomes more complex if you need to also disguise the voice of a speaker as you will need to edit the sound recording also.</p>
Suggestions (preparation/pre and post activities)	Selecting a recording and obscuring one of the participants may provide an opportunity to provoke authentic discussion - who is speaking? How do you know? Giving opportunities to revise adjectives and descriptions. Clues should be contained in the soundtrack, increasing the need to listen carefully. Have a “reveal” image available to confirm the guesses, showing who it really was.
Ideas for application in different contexts	A version of this activity could be done by students who record themselves describing their daily routine or their interests and then

	<p>obscuring the speaker for the class to identify. The voice can also be disguised using a voice effect on the recording.</p>
<p>Useful links</p>	<p><a href="#">Final cut pro</a></p> <p>Pixilated worlds such as Minecraft are very popular at the moment. <a href="#">Here's an example</a> of someone who is creating a Minecraft space and recording within in it.</p> <p><a href="#">A free tool for pixilation of images</a></p>