

Making Animated GIFs

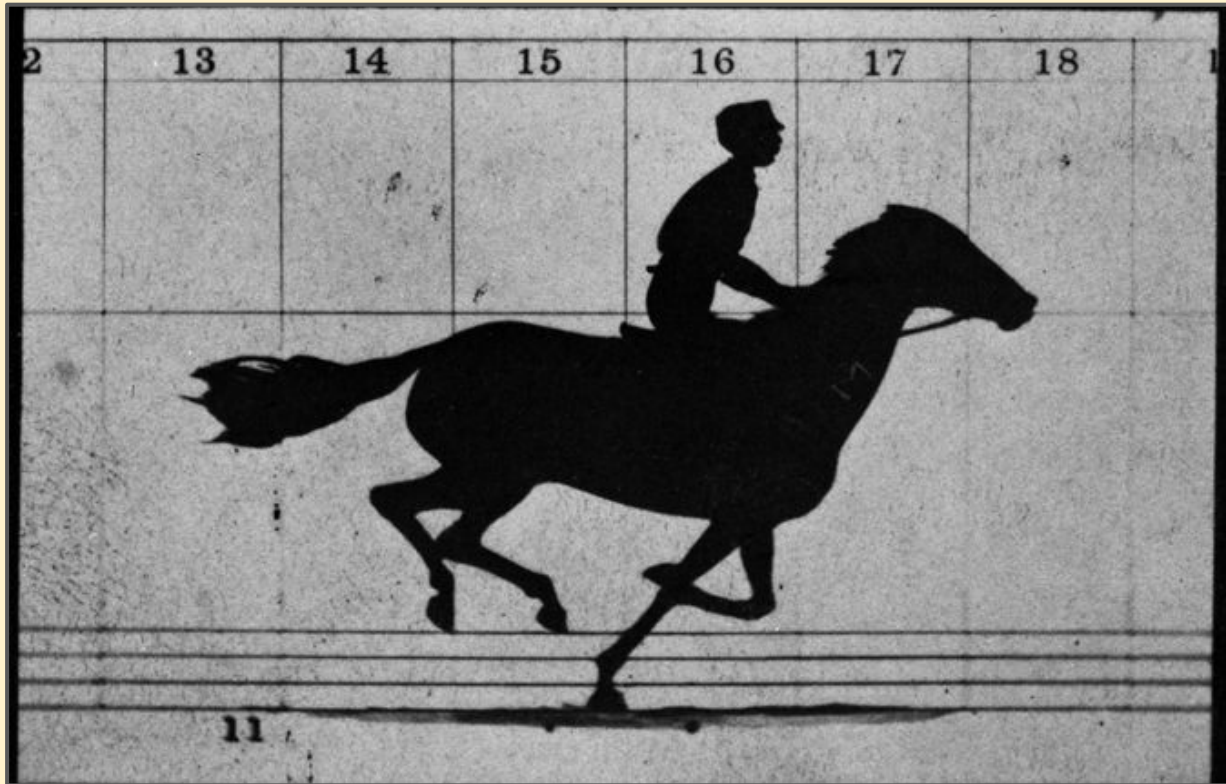
GIF images (**Graphics Interchange Format**) can (but don't have to) be animated

Animated GIFs are a bit like short movies and can be used online or on screen (in PowerPoint etc...). They aren't much use for printed documents



Making Animated GIFs

By using each image as a single **frame**, we can create an animated GIF that appears to show the horse galloping



Look at the board to see the animated version - GIFs don't move in PDF files

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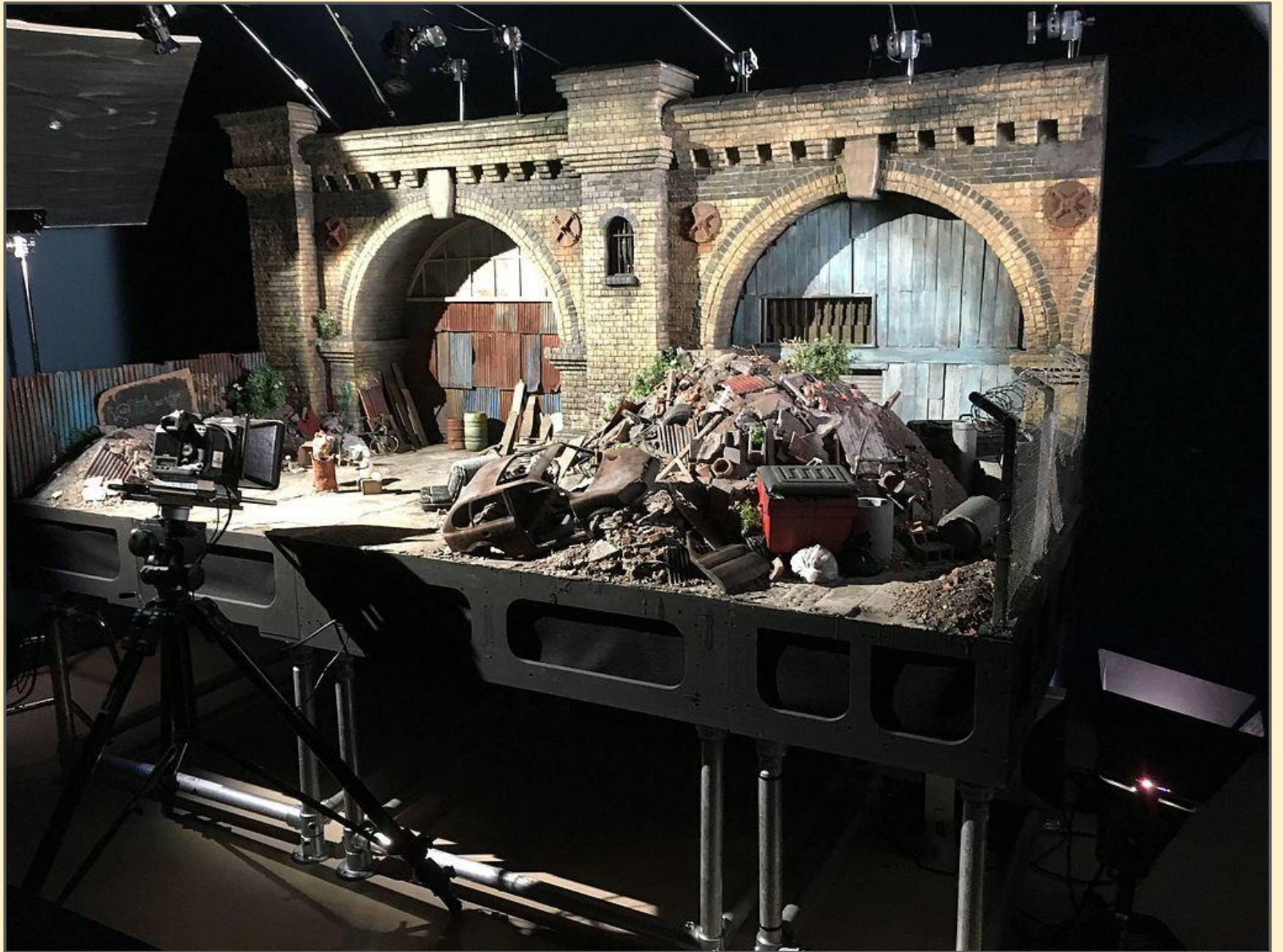
Any movie uses **frames**. Movies play at **24 frames per second**

Stop motion animation can be used to create films - long movies or short films

Still images are taken using a camera and the frames are put in order to create the film

Stop motion is sometimes called **stop frame animation**





Making Animated GIFs

Stop-motion animation can use 3D models, 2D cardboard figures, sketches, or be fully computer animated

The camera is usually fixed in place so that it doesn't move between images

It can take hours to create a few seconds worth of film - the *Wallace and Gromit* films typically produced only 30 frames per day

