

Cambridge **NATIONALS** LEVEL 1/2

CREATIVE iMEDIA



Unit R088: Creating a digital sound sequence

RESOURCE LINKS

Version 1

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INTRODUCTION

Resources Link is an e-resource, provided by OCR, for teachers of Cambridge Nationals. It provides descriptions of, and links to, a variety of teaching and learning resources that you may find helpful.

We have mapped the suggested resources to the relevant learning outcome of this unit and provided information about their cost and format.

If you know of other resources you would like to see included here, or discover broken links, please let us know. We would also like to hear from you if you have any feedback about your use of these, or other, OCR resources. Please contact us at resources.feedback@ocr.org.uk

To find out more about this qualification please go to: <http://www.ocr.org.uk/qualifications/creative-imedia-level-1-2-award-certificate-j807-j817/>

TYPES OF RESOURCE

OCR Produced Resources

These are resources devised and produced directly by the Resources Development Team at OCR.

Publisher Partner Resources

For many subjects OCR works with a publisher partner to ensure that good quality resources such as textbooks are available for first teaching.

Whilst the publisher partner has access to our subject experts and we quality check and endorse these resources they are produced by, and remain the property of, the publisher partner. There is no financial link between OCR and its publisher partners and we do not pay for the development of, or receive any royalties from, these resources.

Endorsed Resources

These resources were produced entirely independently of OCR, but we have quality checked them for their suitability as a resource to support our qualifications.

Other Resources

Unless specifically stated these resources are completely independently produced and are not endorsed by OCR. We have looked at them though, and we think they could be useful in supporting our specifications.

We leave it to you, as a professional educator, to decide if any of these resources are right for you and your students, and how best to use them.

LINKS

AudioBlocks.com

Library of music files searchable by genre, mood, instrumentation, tempo and duration. This is a useful resource for activities such as comparing the effect on mood of watching the same video with different styles of music as an underscore.

Support: LO1

Cost: Free to browse, preview and listen to clips, but downloads must be paid for.

Format: Website

<http://www.audioblocks.com/search/?srch-type=music>

Audio Basics on Hammersound.net

The theory of digital sound, explained in straightforward terms, with a step-by-step guide to recording sound.

Supports: LO1

Cost: Free

Format: Website

<http://www.hammersound.net/audiobasics/audiobasics.html>

Audio Tutorials from Media College

This resource includes tutorials and information to support LO1 including a useful glossary of terms.

Support: LO1

Cost: Free

Format: Website

<http://www.mediacollege.com/audio/>

Bit depth and Bit rate

This page provides a detailed explanation of Bit depth and Bit rate.

Support: LO1

Cost: Free

Format: Web page

<http://mp3.about.com/b/2012/03/07/bit-depth-vs-bit-rate.htm>



Digital Audio Basics: Sample rate and Bit depth

This page provides a helpful discussion of the distinction between sample rate and bit depth, at a detailed level possibly more suited for teacher rather than learner use.

Support: LO1

Cost: Free

Format: Web page

<http://www.presonus.com/news/articles/sample-rate-and-bit-depth>

Echo Vs Reverberation

This webpage provides an explanation of the difference between echo and reverberation, from a physics perspective.

Support: LO1

Cost: Free

Format: Web page

Movie studio logo animations

<http://www.physicsclassroom.com/mmedia/waves/er.cfm>

Foley Artist Gary Hecker

This you tube search provides an insight into the capturing of sounds and the creation of sound effects for Robin Hood and 2012 by Foley artist Gary Hecker.

Support: LO1

Cost: Free

Format: Youtube video

https://www.youtube.com/results?search_query=Foley+Artist+Gary+Hecker

Free Stock Music.com

Library of music files in different genres and styles available for download. This resource is useful for comparing download times, file sizes and quality of the same files downloaded in different formats.

Supports: LO1

Cost: Free but website requires users to sign up using email address and password.

Format: Website

www.freestockmusic.com

Introduction to Game Audio

This video resource provides an introduction and exploration into the many ways in which video game music and sound design are fundamentally different from linear media such as television or film. It also covers what to expect when working on a game, and how being part of a game team is very different from being hired to score or do sound design for more traditional media.

Support: LO1

Cost: Free

Format: Web page

<https://vimeo.com/16516382>

Jisc Digital Media: Digital Audio Interfaces Info Kit

Technically detailed but accurate guide to audio interfaces and digital sampling. The site also contains infokits on audio file formats which are referred to in the Delivery Guide and Lesson Elements.

Support: LO1

Cost: Free

Format: Website

<http://www.jiscdigitalmedia.ac.uk/infokit/audio-interfaces/guide-to-audio-interfaces>

Physclips: Pitch, Loudness and Timbre

Interesting video clips of pitch and timbre generation. The text is complex but the video clips are very helpful and illustrative.

Support: LO1

Cost: Free

Format: Website

<http://www.animations.physics.unsw.edu.au/jw/sound-pitch-loudness-timbre.htm>



Properties of Sound

Excellent science-y and interesting slideshow. Useful for additional research - perhaps as a homework or flipped learning exercise.

Support: LO1

Cost: Free

Format: Slideshare web resource

<http://www.slideshare.net/JuliePen/properties-of-sound-12057764>

Support Materials for Creative iMedia

The Support Materials section of this page contains additional resource links to support the delivery of LO1.

Support: LO1

Cost: Free

Format: Website

<http://www.ocr.org.uk/qualifications/creative-imedia-level-1-2-award-certificate-j807-j817/>

The sound and music of Angry Birds

The video gives an insight in to the development of a soundtrack for a computer game.

Support: LO1

Cost: Free

Format: Web page

<http://www.soundworkscollection.com/videos/angrybirds>

Toy Story Foley

This video provides an entertaining insight into the capturing of sounds and the creation of sound effects by Foley artists.

Support: LO1

Cost: Free

Format: YouTube video

<https://www.youtube.com/watch?v=BVUgsMRvOel>

Which Audio File Format is Right For You?

Simplistic comparison of different audio file formats for purposes including use in video editing software and platforms.

Supports: LO1

Cost: Free

Format: Website

<http://www.freestockmusic.com/audio-formats/>



Capturing Audio

This set of resources explains basic theory relating to digital sound, recording and editing sounds. It also includes a Test Bite for learners to test their own progress and understanding.

Support: LO1, LO2

Cost: Free

Format: Website

http://www.bbc.co.uk/schools/gcsebitesize/dida/using_ict/recording_sound_clipsrev1.shtml

The Basics of Digital Audio

This web resource is divided into several sections covering the theory of digital sound, sampling theory and a step-by-step guide to recording sound.

Support: LO1, LO2

Cost: Free

Format: Website

<http://www.hammersound.net/audiobasics/audiobasics.html>

10 tips for using audio more effectively in multimedia stories

Comprehensive list of tips on how to layer and structure sound within a multimedia product. Possibly a little advanced for learners working at Level 1, but a useful research and background source for teachers. Links to a documentary showing how the tips are put into practice using different techniques.

Support: LO2

Cost: Free

Format: Website - Blog

<http://www.poynter.org/how-tos/writing/173082/10-tips-for-using-audio-more-effectively-in-multimedia-stories/>

PRS for Music

This website provides information about how to obtain a licence to reproduce existing music tracks as 'cover versions'. It also covers licenses for music used in digital products such as games and for broadcast media.

Support: LO2

Cost: Free

Format: Website

<http://www.prsformusic.com/Pages/default.aspx>

PacDV Free Sound Effects

Website containing a range of sound effects for download and use in the creation of digital audio products.

Support: LO2, LO3

Cost: Free

Format: Web site

<http://www.pacdv.com/sounds/index.html>

Sound Jay

Website containing a range of sound effects for download and use in the creation of digital audio products.

Support: LO2, LO3

Cost: Free

Format: Web site

<http://www.soundjay.com/>

Testing1212

Sound definitions and technical information.

Support: LO2, LO3

Cost: Free

Format: Web site

<http://www.testing1212.co.uk/>

Tilda Kids Radio Advert

This resource contains a script and completed advert for Tilda Rice products.

Support: LO2, LO3

Cost: Free

Format: Website

<http://www.tilda.com/adverts/tilda-kids-radio-advert>

Audacity 2.1.0 manual

Online tutorials and manual for Audacity software.

Supports: LO3

Cost: Free

Format: Web page

<http://manual.audacityteam.org/o/index.html>

Audio Network Schools

Library of music for use in educational projects. Searchable by genre, style, instrumentation and mood/atmosphere. Contains multiple versions of most tracks, differentiated by length or instrumentation. Files available as WAV or MP3.

Support: LO3

Cost: Free and available for use within schools, as determined by IP address.

Format: Website

<https://audionetwork.lgfl.org.uk/>

FindSounds.com

Search engine for sound files. Searches are narrowed by format, resolution and sample rate.

Support: LO3

Cost: Free

Format: Web page

<http://www.findsounds.com/>

Garageband Help

Online help files and tutorials for Garageband software.

Supports: LO3

Cost: Free

Format: Web page

<http://help.apple.com/garageband/mac/10.0/>

Media college downloads

Excellent website with a wide range of detailed and useful information about audio. Includes free sound effect downloads.

Supports: LO3

Cost: Free

Format: Web page

<http://www.mediacollege.com/downloads/sound-effects/>

PG Tips – Marmalade Horse Fish advert

Completed advert released by PG Tips

Support: LO3, Lesson Element: Planning a Digital Sound Sequence; Task 4.

Cost: Free

Format: Digital Audio advertisement, via webpage

<http://factory.uk.com/studio/portfolio-item/pg-tips-marmalade-horse-fish/>

Radio Advert Examples

A selection of examples of broadcast radio advertisements.

Support: LO4

Cost: Free

Format: Digital Audio sequences on Youtube

https://www.youtube.com/results?search_query=Radio+Advert+Examples

Merriam Webster Definition

Word definition.

Cost: Free

Format: Web site

<http://www.merriam-webster.com/dictionary/voiceover>

Quora

Definition of term 'pitch'.

Cost: Free

Format: Web site

<https://www.quora.com/What-does-the-term-pitch-mean-in-music>





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