GETTING STARTED WITH MEDIA HOPPER REPLAY

An Instructor’s guide to recording lectures using Media Hopper Replay

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1 Introduction to Media Hopper Replay

Media Hopper Replay is The University of Edinburgh’s centrally supported lecture recording service. The service provides students with video recordings of lectures that they can watch again anytime, anywhere. Students can review material and catch up on points they may have missed to deepen learning and understanding, support exam preparation, or prepare for lessons. Lecture recording is a supplemental resource and extends the rich collection of online materials already provided by Library resources and virtual learning environment (VLE) courses. Lecture recording is an enhancement resource and not a replacement for attendance at lectures. Not every lecture will be recorded.

Academic colleagues can use Media Hopper Replay to record teaching sessions and publish the recordings for students to access safely and securely via either of the University’s Virtual Learning Environments (VLEs).

2 General lecture recording process

The general process for recording and sharing lectures using the Replay service is as outlined below.

2.1 Schedule Recording

The Replay system uses a pre-defined schedule containing information about the recording including the date, time, duration, presenter name and venue. The recording will start and stop automatically based on the scheduled information. Alternatively, provided you are in a Replay enabled room, you can perform an ad hoc recording if you have not had your lecture recording scheduled.

2.2 Create VLE link to Media Hopper Replay (if required)

Replay is accessed through our VLEs (Learn and Moodle). This means that before you or your students can access Replay, your link must be created within the VLE course to the course in Replay. This only has to be done once for courses not using the Learn foundations template.

2.3 Deliver Lecture

If automatically scheduled, your lecture recording will commence based on the information in the system, so you simply need to turn up to your class, switch on and attach your microphone and deliver your lecture. At the scheduled end time the recorded footage will be processed and added to your course. It will be available to view by your students immediately through the VLE you use for your course.

2.4 Review, edit and change availability

Once your recording has been processed you can review, edit and change when it becomes available for your students to view.

2.5 Q&A and Analytics

The Q&A feature allows you and your students to ask and answer questions during or after your lecture. Full analytics allow you to see how well students are engaging with your course content.
3 Scheduling

By default, all lectures taking place in a Media Hopper Replay enabled space which are centrally timetabled will be recorded. Meaning you simply have to turn up and deliver your lecture as normal, and it will be recorded.

Alternatively, if you are delivering an activity not marked as a lecture or in a non-centrally timetabled room you can perform an ad hoc recording or live stream provided you are in a Replay enabled room.

3.1 Viewing upcoming scheduled recordings

Once logged into Media Hopper Replay, you can quickly view all classes you are enrolled as an instructor on by clicking on the echo360 logo in the top left of the screen.

From here you can click on any courses you are enrolled on to see when the next recording is scheduled to take place.
4 Accessing Media Hopper Replay

Media Hopper Replay is accessed through either of the University’s two main VLEs: Learn and Moodle. Replay content can also be accessed using the Echo 360 iOS, Windows or Android mobile apps.

The easiest way for you and your students to find your lecture recordings is to add a link within your VLE course. This link will take users to the relevant course within Media Hopper Replay.

4.1 Choosing the right browser

As Replay is a web-based application, it doesn’t have any specific operating system requirements, however, we recommend you use one of the following browsers as they have been successfully tested at the time of writing this guide:

- Google Chrome – most recent version
- Mozilla Firefox – most recent version
- Safari – most recent version
- Edge – most recent version

More information on suitable web browsers can be found on the Echo 360 Online Help pages at Echo 360 Recommended Browsers.

4.2 Linking Replay with Learn

If you are using the new Learn foundations template, then there is no need to perform the actions detailed below. You can access Media Hopper Replay from Course Materials > Lecture recordings.

If you are not using the Learn Foundations Template, then you’ll need to add a link to Media Hopper Replay within your Learn course. It’s recommended that you add the link to main menu on the left so that it will always be visible to your students no matter which section of your Learn course they are currently viewing. You only have to create a link to Media Hopper Replay once for each course.

To create a link Replay within your Learn course:

1. Select your course from the My courses area within Learn.
2. Enable Edit Mode by clicking on the OFF button. It will light green when enabled.
3. Click on the **Add Menu Item** button and choose **Tool Link** from the list.

![Add Menu Item](image1)

4. Type “Media Hopper Replay” into the **Name** box and choose **Replay** from the **Type** drop-down menu. Tick the **Available to Users** option and when ready, click **Submit**.

![Add Tool Link](image2)

5. To move the position of the link within the menu, hover over its left-hand side and when the crosshairs appear, click and drag to its new location.

![Move Link](image3)

6. Click on your newly created link to open Replay. It will open outside of Learn in a new tab/window (depending on your browser settings).

   If you are accessing Media Hopper Replay from a manually created course, please also follow the steps below:
7. Using the drop-down lists under **Step 1 – Choose (or create) a section**, locate and select the course which matches the Learn course you are linking to by choosing the correct term, course and section.

![Image of drop-down lists](image)

8. Under **Step 2**, leave the **Link to the Section Home** option selected and click on the **Link Content** button to create the link.

![Image of Link Content button](image)

When Replay opens, your newly linked course will be visible, showing any future recordings which have been scheduled. If you have accidently linked to the wrong course, use the **Unlink LMS course** button, immediately to the left of the name in the bar, and repeat steps 7 and 8.

![Image of Replay interface](image)
Accessing Media Hopper Replay

4.3 Linking Replay with Moodle
If using Moodle, you also need to create a link to access Media Hopper Replay and your lecture recordings.

To create a link to Media Hopper Replay within Moodle:

1. Select your course from the *My courses* area.
2. Click on the *Manage* dropdown and then click on *More*.
3. Click on *Turn editing on*.
4. Navigate back to your course by clicking on the *Course Name* in the Breadcrumb trail or in the left hand navigation.
5. Click on the *Add an activity or resource* button, select *Media Hopper Replay* from the list and click *Add*.
6. Under the *General* section, enter the *Activity name* as "Media Hopper Replay" and click *Save and display*.
7. Click on *Open in new window*
8. Using the drop-down lists under *Step 1 – Choose (or create) a section*, locate and select the course which matches the Learn course you are linking to by choosing the correct term, course and section.
9. Under Step 2, leave the Link to the Section Home option selected and click on the Link Content button to create the link.

When Replay opens, your newly linked course will be visible, showing any future recordings which have been scheduled. If you have accidently linked to the wrong course, use the Unlink LMS course button, immediately to the left of the name in the bar, and repeat steps 7 and 8.
4.4 Interface Overview

The Media Hopper Replay interface may change in appearance depending on what access rights you have (e.g. Admin, Instructor, Scheduler or Student), and which menu you are currently viewing. The following shows the course view for an Instructor.

1) Echo360 Home button: The Echo360 logo, in the top left corner, takes you to the Echo360 Home. From here you can see all courses you are enrolled on, content you are the owner of and content which has been shared with you.

2) Unlink LMS Course: Used to reset the link you made between your VLE and Media Hopper Replay courses (useful if you accidently link to the wrong course).

3) Start Capture: Used to create your own ad hoc recording.

4) Settings and Info: Provides account information, help, downloads and support.

5) Classes, Q&A, Polling, Analytics, Settings and Search buttons: The Classes menu displays any classes within your course. The Q&A menu allows you to ask question and view any posted by your students. The Polling menu allows you to see any classes with polling questions. The Analytics menu allows you to view analytics for your selected course. The Settings menu is used to view settings for your currently viewed course. The Search option allows you to search for content within your section.

6) Reorder button and Search box: Used to reorder and search for classes within your course.

7) Classes: Classes are effectively containers for lecture recordings or video files, and/or presentations. When a recording is scheduled, it appears within your course as an individual class. You can attach one presentation file or PDF to this class either before or after your lecture.

8) Video content option: Used to show options for your video content such as view, edit, make available and download.

9) Presentation option: Used to upload, view and edit presentations.
5 Uploading and viewing your own presentations

Media Hopper Replay allows you to upload existing presentations created using a third party application (e.g. PowerPoint), which can be shared with your students before or after your lecture. Uploading your presentations before your lectures allows your students to follow along with your presentation on their device, as well as take notes during your lecture which can be saved and downloaded.

If you are uploading a presentation, any animations, transitions, or links will become inactive when it is played back. Additionally, if you have used non-standard fonts, Replay may substitute them for an alternative. This may result in the appearance of your presentation changing.

To ensure it looks as it should, try saving your presentation as a PDF file and uploading this instead of the PowerPoint presentation file.

5.1 Uploading a presentation before your lecture

In order for your students to be able to view your presentation on their device through Media Hopper Replay during your lecture, you’ll first need to upload it.

To upload a presentation before your lecture:

1. Open Replay using the link you created within your Learn or Moodle course.
2. If you wish to upload a presentation to a different course, then click on Echo360 to display all of the courses you are an Instructor on. Otherwise please go to step 4
3. Locate the course you want to upload your presentation to and click on it.
4. When the course opens, locate the class that you wish to upload your presentation to and click on the blue Add presentation button.
Uploading and viewing your own presentations

5. When the **Add a presentation** box appears, choose **Upload a file**.

6. Click on the **Choose File** button, locate and select your presentation, and click on **Open**. Presentations saved as PDF files can also be uploaded using this method.

Your presentation will be uploaded to the class you selected and will begin processing.

When it has finished processing, the Presentation button will turn green. From this point on, it will be available for yourself and your students to view (unless you make it unavailable or change its availability settings manually.)

7. You can view it within Replay by clicking on the green **Presentation** button and choosing **View**. It’s always recommended that you preview your presentation before your lecture to ensure it has processed correctly.
5.2 Opening and playing your pre-uploaded presentation

If you wish to display your pre-uploaded presentation through Media Hopper Replay at your lecture, it will need to be loaded from within Replay at the beginning of your lecture.

To open an uploaded presentation within Replay:

1. Open Media Hopper Replay through your VLE course.
2. If you wish to navigate to a different course to view a presentation, then click on **Echo360** and select the course containing your uploaded presentation from the list.
Uploading and viewing your own presentations

3. Click on the green **Presentation** button and choose **View**.

4. Hover over your presentation slide and use the left and right arrows to move forward and backward through your presentation. The option at the top of your presentation allows you to view all or hide slides.

5. Click on the **Full Screen mode** button to open your slides in full screen within a new tab.
6 Performing an ad hoc recording

As well as scheduled recordings, Media Hopper Replay also allows you to perform ad hoc recordings, as long as you are teaching room which has been equipped for lecture recording.

To perform an ad hoc recording:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Media Hopper Replay.
2. When Replay opens, click on the **Start Capture** button at the top-right of the window.

3. From the **Where?** menu, select the room you are teaching in. You can type the name or location of the room into the search box to help narrow down the results.

4. Use the **Hours** and **minutes** options to define how long your recording will last.
5. From the **Inputs** menu, choose which of the available inputs you would like to record. The default selection is always as many inputs as possible for that particular room.

6. Leave the **Quality** setting as **High Quality** as this will produce a recording suitable for playback on most devices, and by users with slower internet connections.

7. Use the **Publish to...** menu to select the location you want your recording to be saved to. The default will be the course you currently have open. If you publish to a course, it will become visible to your students immediately after it is processed. If you don’t want it to be immediately available, choose **Library**. You can then move it from your Library to your course when you are ready or share it with other users.
Performing an ad hoc recording

8. Click **Start** to begin your recording. Your ad hoc capture will either appear in your **Library** or as a new class within your course (depending on your choice) under the title ‘Ad Hoc Capture’. A green light will appear next to it to inform you that it is recording.
7 Setting up a live stream

Like ad hoc recordings, if you are in a room which is equipped for lecture recording you can set up a live stream which will also be recorded.

To set up a live stream:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.

2. When Replay opens, click on the **Start Capture** button at the top-right of the window.

3. From the **Where?** menu, select the room you are teaching in. You can type the name or location of the room into the search box to help narrow down the results.

4. Use the **Hours** and **minutes** options to define how long your stream will last. If a scheduled recording is due to take place in that room before your selected end time, you won’t be able to start the stream until you correct this.

5. From the **Inputs** menu, choose which of the available inputs you would like to stream. The default selection is always as many inputs as possible for that particular room.

6. Leave the **Quality** setting as **High Quality** as this will produce a stream suitable for playback on most devices, and by users with slower internet connections.

7. From the **Publish to...** option select the course you would like your stream to appear in. Unlike an ad hoc recording, live streams cannot be published to your Library.

8. Click on the **Live Stream** button to enable live streaming. The button will turn green when active. Click on the **Start** button to complete the process.
Setting up a live stream

9. The live stream will begin shortly. The default title will be ‘Ad Hoc Capture’, but this can be changed by clicking on the **Edit details** button.

10. Change the name of the capture to something that you and your audience will understand and click **OK** to confirm.

11. Your audience can view the live stream from within their course by logging into Media Hopper Replay and clicking on the class containing the stream, followed by the **Show Live Stream** button.

12. As an instructor, to pause the live stream, press and hold the Delcom light on the teaching desk for one second until it flashes orange. You cannot end the recording early from within Replay but you can pause it using the Delcom light until the original end time.

More information on using the Delcom lights see the Delcom recording lights section on page 37 of this guide.
8 Universal Capture tool - Windows

Media Hopper Replay’s Universal Capture tool is a stand alone application available to all staff on university managed or personal PCs/Macs. It can be used to create a video recording of your screen, webcam and microphone, which can then be edited and published to your Replay Library or course.

8.1 Installing the Personal Capture Tool on a Windows computer

The minimum specifications for installation of the Universal Capture tool on a Windows device are:

- Windows 10 (64 Bit) or higher
- Intel Core i5 Processor for Audio, Audio/Video or Audio/Display
- Intel i7 recommended for Audio/Display/Video or Audio/Video/Video
- 4+ GB RAM
- 10+ Mbps network interface
- 20 GB free hard drive space
- Internal audio device or USB port for audio capture

A page detailing the specification for installation is available from the vendor at:


8.1.1 Installing on a managed university Windows PC/Laptop

To download and install the Universal Capture tool on a university managed Windows PC/laptop:

13. Choose Start > Software Centre to open the University’s Software Centre. This can only be accessed on university managed Windows computers.

14. Type “Universal Capture” into the search box at the top right of Software Centre to filter the applications. Select the Universal Capture application and click on the Install button to install it.
Universal Capture tool - Windows

The Media Hopper Replay Universal Capture tool will now be installed on your computer and can be launched from the Start menu.

8.1.2 Installing on a personal Windows PC/Laptop

To download and install the Universal Capture tool on a personal Windows PC/laptop:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
2. Click on the **Settings** option and choose **Downloads** from the menu.
3. When the **Downloads** menu options, click on **Windows Download**. Your file will now be saved and downloaded to your computer.
4. Locate the downloaded file (UniversalCapturePersonalEU_x.x.xxxxxxx.msi) and open it to begin the installation.
5. When the **Echo 360 Software Capture Setup** window opens, follow the prompts to complete the installation. When complete, click **Finish**. The Universal Capture tool will now open.
8.2 Using the Universal Capture tool on a Windows PC/Laptop
The Personal Capture tool can be used to record your screen, webcam and microphone. You can then edit your recording if necessary, before publishing it to your course.

8.2.1 Opening and logging into the Universal Capture tool
To open and log into the Personal Capture tool:

1. Choose **Start > Echo360 Universal Capture**. Alternatively, if you chose to add the icon to your desktop, you can open it from there.

2. When the tool opens for the first time you will need to log in, click on the icon to log in to the application

3. A new web browser window/tab will open asking you to log into Media Hopper Replay. Enter your academic email address (**uun@ed.ac.uk**) and choose **Submit**.
4. Enter your *EASE Username* and *Password* and click *Login*

You will now be logged in and able to use the Universal Capture tool.

8.2.2 Recording, editing and publishing using the Universal Capture tool

**To record, edit and publish using the Universal Capture tool:**

5. Open the Universal Capture tool.

6. If you are using any peripheral devices such as a webcam or microphone, plug them into your computer.

7. Click on the edit icon next to the *Title* to modify the Title, Description, Tags and the location you wish to publish this recording to. Once you have updated all of this information click on *SAVE*
8. Select the inputs you wish to record by clicking on the dropdown arrow at the top of each input window. Audio is always required for a recording.

You can select to capture display and video, two display inputs, or two video inputs besides the audio. Universal Capture will initially preselect inputs for you based on any available devices and then remember the last inputs chosen.

9. Click on the **Record** button to begin recording. A short countdown timer will appear on screen with details of how to pause or end your recording.

**Stopping or Pausing a recording**

To stop or pause a recording you can utilise the menu bar options or keyboard shortcuts.

10. Locate and click on the Echo360 logo in the task bar.

11. From there, you can click on the icons to **Stop, Pause or Cancel** the Capture.
12. Once you have finished your recording the application window will come to the front and your recording will be processed and uploaded to Media Hopper Replay. During this you can click on **CLOSE**.

13. If you do not close during the processing then the final screen will be presented to confirm that your capture completed. From here you can either click on **CLOSE** or **Click to view** which will launch Media Hopper Replay and allow take you directly to the capture.

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*The recording is completed and finishes uploading to the Echo360 server to complete processing. Universal Capture recordings are available for viewing and editing while processing.*
9 Universal Capture tool - Mac

Media Hopper Replay’s Universal Capture tool is a stand-alone application available to all staff on university managed or personal PCs/Macs. It can be used to create a video recording of your screen, webcam and microphone, which can then be edited and published to your Replay Library or course.

9.1 Installing the Universal Capture Tool on a Mac

The minimum specifications for installation of the Personal Capture tool on a Mac device are:

- Mac OS X 10.12 (Sierra) or higher
- 4+ GB RAM
- 10+ Mbps network interface
- 20 GB free hard drive space
- Internal audio device or USB port for audio capture (audio is required)

9.1.1 Installing on a university managed Mac

To download and install the Personal Capture tool on a university managed Mac:

1. Open the **Self Service** application from the dock.

2. Type “Media Hopper Replay” into the search box and when the Universal Capture tool appears in the **Search Results** area, click on the **Install** button.

   ![Image](image.png)

   The tool will now begin to download and will begin installing automatically.

3. Open the **Spotlight Search** and type “Echo360 Capture”. When the application appears, double click to open it.

   ![Image](image.png)
Using the AV equipment when recording lectures

9.1.2 Installing on a personal Mac

To download and install the Universal Capture tool on a personal Mac:

4. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link.

5. Click on the Settings icon and choose Downloads from the menu.

6. When the Downloads menu options, click on Mac Download. Your file will now be saved and downloaded to your computer.

7. Locate the downloaded file (UniversalCapturePersonalEU) and double click it to open the installer. Then double click on the installer to beginning the install process.

8. When the Echo 360 Universal Capture Installer window opens, follow the prompts to complete the installation. When complete, click Close. You will then be prompted to move the installer to the Trash, click on Move to Trash.
9.2 Using the Universal Capture tool on a Mac
The Universal Capture tool can be used to record your screen, webcam and microphone. You can then edit your recording if necessary, before publishing it to your course.

9.2.1 Opening and logging into the Personal Capture tool - Mac
To open and log into the Universal Capture tool:

1. Open the Universal Capture tool from either the dock, by searching for ‘Echo360 Capture’ or by clicking on Echo360 Capture in the Applications Folder.
2. When the tool opens for the first time you will need to log in, click on the icon to log in to the application

![Login screen](image)

3. A new web browser window/tab will open asking you to log into Media Hopper Replay. Enter your academic email address (uun@ed.ac.uk) and choose Submit.

![Enter email screen](image)

4. Enter your EASE Username and Password and click Login.

![Login screen](image)

You will now be logged in and able to use the Universal Capture tool.
Using the AV equipment when recording lectures

9.2.2 Recording, editing and publishing using Personal Capture tool

To record, edit and publish using the Universal Capture tool:

5. Open the Universal Capture tool.

6. If you are using any peripheral devices such as a webcam or microphone, plug them into your computer.

7. Click on the edit icon next to the Title to modify the Title, Description, Tags and the location you wish to publish this recording to. Once you have updated all of this information click on SAVE.

8. Select the inputs you wish to record by clicking on the dropdown arrow at the top of each input window. Audio is always required for a recording.

You can select to capture display and video, two display inputs, or two video inputs besides the audio. Universal Capture will initially preselect inputs for you based on any available devices and then remember the last inputs chosen.
9. Click on the **Record** button to begin recording. A short countdown timer will appear on screen with details of how to pause or end your recording.

![](image)

**Stopping or Pausing a recording**

To stop or pause a recording you can utilise the menu bar options or keyboard shortcuts.

10. Locate and click on the Echo360 logo in the menu bar.

![](image)

11. From there, you can click on **Pause Capture**, **Stop Capture** or the application window can be brought to the front by clicking **Open Echo360 Capture**.

![](image)

12. Once you have finished your recording the application window will come to the front and your recording will be processed and uploaded to Media Hopper Replay. During this you can click on **CLOSE**.

![](image)

*The recording is completed and finishes uploading to the Echo360 server to complete processing. Universal Capture recordings are available for viewing and editing while processing.*
Using the AV equipment when recording lectures

10 Using the AV equipment when recording lectures

The university’s AV equipment will vary from room to room, but generally speaking the equipment works in the same way to record your lecture. The main thing to note is that whatever is displayed on the projector screen at the front of the room will appear in your recording video. If the room has a camera installed, this will also record and be added to your video.

In lecture theatres with dual projection screens and a camera installed, the recording combination is:

- **Only one projector feed in use**: Recording source one will be the projector feed and source two will be the room camera feed.
- **Two projector feeds displaying the same content**: Recording source one will be the projector feed and source two will be the room camera feed.
- **Two projector feeds showing different content (e.g. computer feed and document camera)**: Recording source one will be the computer feed and two will be the document camera. The camera in the room will not be recorded.

Information on how to use the AV equipment in the room you are in should be available on the teaching desk, along with contact details for help and support, should you encounter any issues.

10.1 Selecting your visual input

As mentioned above, the equipment may vary from room to room but you will always use a control panel of some description within the room to select your visual input.

10.1.1 PC, HDMI and VGA feeds

To display your presentation on the screen at the front of the teaching room:

1. Under the **Display** section on the control panel, press the **ON** button. It will light up when active.

![Control panel with ON button illuminated](image)

2. Press the **PC** button to switch on the computer feed. The content on your PC screen should now be visible on the screen at the front of the teaching room.

![Screen with content](image)

If you are using your own device, plug in the HDMI cable or VGA and audio jack into your device and select either **Laptop HDMI** or **Laptop VGA**.
10.1.2 Document cameras

Media Hopper Replay records only your computer, the camera (if the room has a camera installed), and the microphone feeds. Therefore, if you are teaching in a room without a camera installed and wish to write something or show notes, it’s recommended you do so using the document camera.

In some of the teaching spaces equipped for lecture recording you will find a document camera installed on the desk. Anything positioned underneath it will be shown on the screen at the front of the teaching room, and will be recorded (provided you have selected the document camera as the input) as part of your video.

To use the document camera:

1. Press the **Power** button once to switch it on. The blue light will light when it has powered up.

2. Extend the arm so that the viewer is positioned over the item you wish to display.

3. On the main control panel, press the **Doc Cam** button to switch your display to show the document camera.

   The item positioned under the viewer will now appear on screen and be visible to your audience. You can manoeuvre the arm to view the item better, zoom in/out, and switch on the light if necessary.

4. When finished with the camera, press the **Power** button twice to turn it off and gently fold the neck down.
Using the AV equipment when recording lectures

10.2 Using the microphones in the teaching rooms
When delivering a lecture in any teaching room, the microphone provided should always be used. It should not be assumed that all students can hear you or that they will let you know if they can’t. As well as for accessibility reasons, the microphone is also required to record your audio for your lecture recording video.

At least one lavalier clip-on microphone (sometimes two) will be present in every room equipped for lecture recording. Some rooms also have a lectern microphone which should only be used if the lavalier microphone is out of commission.

10.2.1 Lectern microphones
As mentioned above, some of the university’s teaching rooms are also equipped with lectern microphones. These are fixed, meaning you must give careful consideration to how you and the microphone are positioned to ensure your voice is properly heard by your audience and recorded if being used.

Position the microphone
Before you begin your lecture, bend the neck of the microphone so that it is pointing towards your upper chest. This will help amplify your voice for your audience and ensure the audio is being recorded clearly by the system.

Position yourself
Now that the microphone is correctly positioned, think about your position relative to it. You should be close enough to speak into it without it actually touching your mouth. Ideally, the microphone will be positioned around 8-10 inches away from your mouth.

When delivering your lecture, try to pivot around the lectern, maintaining an equal distance between your mouth and the microphone as you speak to the room.

Don’t turn your head away from the microphone or walk away from the lectern as your voice may not be recorded clearly, or at all.

If you do move to the left or right, try moving your body in that direction but keep your head angled toward the microphone.
10.2.2 Lavalier clip-on microphones

The recommended microphone of choice within the teaching room is the lavalier clip-on microphone. Every teaching space will have at least one of these microphones and a charging dock located on the teaching desk. The main advantage of this type of microphone over the lectern microphone is flexibility. Once you have attached the microphone to your clothing, you will be able to freely move around the room, safe in the knowledge that you will not only be heard by your audience, but your audio will also be recorded as part of your recording.

It is vital that the microphone is always placed correctly back into the charging dock after you’ve finished with it so it can be changed for the next user.

**To use the lavalier microphone:**

1. Remove the microphone unit from the docking station and switch it on (the button will either be inside or on top of the unit depending on the make/model).

2. Ensure that the mute option is set to off. This is usually located on the top of the unit.
3. Place the unit in your pocket or attach to your waist/belt using the clip on the back.
4. Position the microphone roughly six to eight inches from your mouth and attach it to your clothing using the clip.
5. When finished, gently place the microphone back into the cradle. The red charging light should turn on when it is correctly positioned. You should never have to force it in.
10.2.3 Catchbox microphones

A Catchbox is a throwable microphone designed for audience participation. As part of the lecture recording rollout programme, Catchboxes are being added to some of the lecture recording enabled teaching spaces.

Please be aware when using Catchbox microphones that some members of your audience may feel uncomfortable using the Catchbox microphone due to physical impairments (e.g. upper limb mobility, chronic pain), specific learning disabilities (e.g. dyspraxia), or mental impairments (e.g. social anxiety disorder). To ensure no one is disadvantaged please make sure that on all occurrences you use the Catchbox microphone an ordinary microphone is also available as another option.

To operate the Catchbox:

1. Twist the top of the Catchbox 90 degrees and pull the central core upwards. Move the switch to the I position to switch the microphone on.

   ![Image of Catchbox](image1)

   The microphone status light should light up green if the batteries have sufficient charge.

2. Place the core back into the box. Align using the triangular markers to ensure that the core is locked tightly in place. You should hear a click when it is secure.

   ![Image of Catchbox](image2)

3. To use the Catchbox, speak into the foam cap located at the top of the transmitter. Position your mouth roughly 20cm away from it.

   ![Image of Catchbox](image3)

To change the batteries:

If when you switch the Catchbox on you notice the light is red, you should change the batteries. Additional batteries are stored in the teaching desk drawer. If supplies are low, contact the servitor.

With the central core removed, open up the battery cover (right piece then left), remove the old batteries and carefully replace with the new batteries. Fold the covers back over and refit the core.

![Image of Catchbox](image4)
10.3 Delcom recording lights
In each of the teaching rooms equipped for lecture recording, a Delcom recording light has been fixed to the teaching desk. This is used to notify both you and your students that the session is either not recording, paused, recording or that an error has occurred.

10.3.1 Colour codes
The Delcom light uses a colour code system to notify you of the system’s current recording state. At any one time the light can either be red, amber or green.

What do the lighting states mean?

Green: The light will be solid green when no recording is currently taking place.

Amber: The light will be solid amber during the 5 minutes prior to a scheduled recording taking place.

Flashing amber: If a scheduled, ad hoc or live stream recording is paused, the light will flash amber.

Red: When a recording is currently active the light will be solid red.

Flashing red: If an error has occurred within the system and your recording cannot begin, the light will flash red. If this happens to you, use the telephone and contact details in the room to seek assistance.
Using the AV equipment when recording lectures

10.3.2 Pausing a recording or ending early
The Delcom light is the only way that you can pause an active scheduled, ad hoc or live stream.

To pause a recording:
To pause a recording, gently press down on the Delcom light for roughly one second. When you release your hand the light should change from red to flashing amber. During the time your lecture recording will be paused and nothing recorded.

To resume the recording, gently press down on the light again for the same amount of time. When released, the light should change from flashing amber to red, provided the end time for the recording has not been reached.

If your session finished early:
If your session earlier than the end time selected for your scheduled or ad hoc recording (this information will be displayed on the class being recorded within your course), the only way you can stop the recording is to pause it. When paused, nothing will be recorded from that point until the scheduled end time unless the light is pressed and the recording resumed.
11 Delivering your lecture

When delivering your lecture, you may or may not have to first log into Media Hopper Replay before you begin. This depends on how your session is being recorded and what Replay features (if any) you intend to use.

You will first have to log into Replay if:

- You are performing an ad hoc recording or live stream
- You are displaying a pre-uploaded presentation through Replay
- You would like to view and answer questions asked by your students during your lecture

If you are not doing any of the above, you can simply deliver your session as you would normally.

For all recordings, whatever is displayed on the projector screen (e.g. document camera or computer feed) will be recorded as part of your lecture. It is vital that you use the microphone and that it is turned on and not muted to ensure your audio is recorded. If your audience are participating in a discussion or asking questions, hand them the roaming microphone/Catchbox, or repeat their question/answers back to the room if roaming microphones or Catchboxes are not available.

For more information on using the equipment in the teaching rooms, see the To record, edit and publish using the Universal Capture tool:

4. Open the Universal Capture tool.
5. If you are using any peripheral devices such as a webcam or microphone, plug them into your computer.
6. Click on the edit icon next to the Title to modify the Title, Description, Tags and the location you wish to publish this recording to. Once you have updated all of this information click on SAVE
7. Select the inputs you wish to record by clicking on the dropdown arrow at the top of each input window. Audio is always required for a recording
Delivering your lecture

You can select to capture display and video, two display inputs, or two video inputs besides the audio. Universal Capture will initially preselect inputs for you based on any available devices and then remember the last inputs chosen.

8. Click on the **Record** button to begin recording. A short countdown timer will appear on screen with details of how to pause or end your recording.

Stopping or Pausing a recording
To stop or pause a recording you can utilise the menu bar options or keyboard shortcuts.

9. Locate and click on the Echo360 logo in the menu bar.
10. From there, you can click on Pause Capture, Stop Capture or the application window can be brought to the front by clicking Open Echo360 Capture.

11. Once you have finished your recording the application window will come to the front and your recording will be processed and uploaded to Media Hopper Replay. During this you can click on CLOSE.

The recording is completed and finishes uploading to the Echo360 server to complete processing. Universal Capture recordings are available for viewing and editing while processing.

Using the AV equipment when recording lectures section of this guide on page 30.

11.1 Ad hoc recording delivery
If you would like your lecture to be recorded but it has not been scheduled for recording, you can perform an ad hoc recording. In order to do this, you will first have to log into Replay through your VLE course using the computer in the teaching room (or your own computer plugged in using HDMI or VGA), then set up the recording (see the Performing an ad hoc recording of this guide on page 17 for more information).

11.2 Displaying a pre-uploaded presentation
Irrespective of whether your recording is scheduled or ad hoc, if you wish to display a pre-uploaded Media Hopper Replay presentation you will first have to log into Replay (through your VLE course) and launch the presentation from there (see the Displaying a pre-uploaded presentation section of this guide on page 39 for more information).

11.3 Viewing questions asked by your students during your lecture
If you would like to view any questions your students are asking during your lecture, you’ll need to log into Replay (through your VLE course) and open the class for that lecture, followed by the Q&A menu (see the Q&As section of this guide on page 64 for more information).

If you plan on displaying a presentation on the main computer, it’s recommended you open the relevant class on another device such as a tablet or laptop so you can see the questions as they appear without having to close your presentation down whilst you view them. This will also prevent
Delivering your lecture

you from showing the names of those who asked questions anonymously (Instructors see the name of the student next their question/reply).
12 Changing the availability of your content

All scheduled, ad-hoc recordings and uploaded presentations will automatically become available for your students to view within your course as soon as they have been processed. Processing begins immediately after the recording has ended (or the presentation uploaded), and takes roughly the same amount of time as the recording itself to be processed.

The only type of recording which will not become automatically available for viewing after it has been processed is an ad-hoc recording which has been published to your Library.

If you don’t want your file to be visible automatically after it has been processed, you need to make it unavailable (this can be done whilst the file is processing). If you are planning on editing the file, it’s recommended you make it unavailable before you edit it.

To make your recording unavailable:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
   
   *If you wish to change the availability of content in a different course please follow steps 2 & 3, if not continue straight to step 4.*

2. To change availability of content in a different course, click on the *Echo360* logo in the top left.

3. Click on the *course* you would like to change content availability for
Changing the availability of your content

4. Click on the green Video content button and choose Make Unavailable from the list. When the Warning! message appears, choose OK.

![Warning dialog]

The Video content button will now turn grey and when clicked on will show as Unavailable.

![Unavailable button]

5. To make your recording available again, follow step 4 and choose Make Available from the list. You can also use the Availability Settings option (above Make Available/Make Unavailable) to select future start and/or end dates for the availability of your content.
13 Editing your lecture recordings

After your lecture has been recorded and processed, you may wish to perform some basic edits to it. Media Hopper Replay’s web editing tool allows you to trim content from the beginning and end of your recording, chop sections out of it and create clips.

13.1 Opening the video editor

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
   
   *If you wish to edit a recording in a different course please follow steps 2 & 3, if not continue straight to step 4.*

2. To edit a recording in a different course, click on the *Echo360* logo in the top left.

3. Click on the course you would like to edit your recording for.

4. Click on the Video content button and select *Edit video* from the list.
Editing your lecture recordings

5. You will then be presented with a warning about edits affecting *All* published versions of the content. If you wish to proceed then click on **OK**

The editor will now open showing your video. You can review it using the playback tools or by clicking on the timeline located below the video.

13.2 Using the video editing tools
The video editor allows you to trim the ends and cut segments from the video. You can review the changes to the video, playing it with the cuts in place, prior to making your changes permanent.

While editing a video, at any time, you can zoom in/out on the timeline for a more precise view of a section of video.

Use the Undo and Redo buttons to restore or revert changes made.
Review and Playback the video

Use the playback controls to play the recording. If you have made cuts in the recording, the playback will skip the cut areas, so you can see how the edits affect the final product.

The figure below shows the playback controls and has the current location of the play head identified, both as the timed location, and within the playback bar itself.

• Click play to show the video in the editing window.
• Click pause to pause the playback. This lets you place the play head in a specific location for making a cut. See Removing sections of your video section below.
• Use the manual entry field to move through the video as needed.
• Use your mouse to click to various locations in the play bar.
• Use the Source and Speed controls to switch between video tracks and speed up/slow down playback.

13.3 Removing sections of your video

Occasionally, you may wish to remove a specific part of your recorded lecture. For example, you may have had technical issues which you don’t want to appear in your video.

Removing sections in the video editor involves identifying each end of the cut, then selecting to make the cut. All cuts are temporary until you choose to Apply your Edits by Saving.
Editing your lecture recordings

Once the cuts are in place, you can review the edited video in the window. The playback head will skip over any cuts so you can see how the recording will look when it is published.

To remove a section of your video:

1. Put the play head marker at the **beginning location of the segment** you want to cut.
2. Click **MAKE CUT**.
3. Move the play head marker to the **end location of the segment** you want to cut.
4. Click **MAKE CUT**.
5. **Click into the area between the cuts** to select it (this also moves the play head into that area; ignore it).
6. Click **DELETE** to temporarily cut that segment from the video.

Repeat these steps for each segment you want to remove from the video. The below figure shows a video with multiple cut segments. Remember, these cuts are temporary until you save your changes.
13.4 Trimming your video

Replay’s trim options allow you to trim a section from your video at the beginning or end. This could be useful if your lecture didn’t begin on time or ended early.

To trim your video:

1. Put the play head marker at location where you want the video to **start**.
2. Click Top (Trim out).
3. Move the playhead marker to the location where you want the video to **end**.
4. Click Tail (Trim in).

To edit segments

1. Click into a segment on the timeline.
2. Click-and-Drag the trim handles on either side of the segment to change the duration.

13.5 Saving your edits

Any edits you have made to your video will not be applied until you have first saved your file. Use the buttons across the top to complete your editing and process the video with your changes. These buttons apply to the video as a whole and work as follows:

**NOTE:** After Save, the changes are applied to all published (and shared) versions of this video. Once processed, the edited version replaces the original version in all locations.

- **RESTORE** - Reverts all changes ever made to the video and restores the original video file. This option is only active if you open a video that had previous edits applied to it.
Editing your lecture recordings

- **SAVE** - Applies the changes you've made to this video. These changes are reflected in the playback bar on the editing screen.

- **SAVE AS** - Creates a COPY of the video based on your edits. In addition, you are now the owner of the edited copy, regardless of whether you were the owner of the original video or not.

To exit without saving any changes, click the back arrow in the top left corner of the video editing screen.

1. Use the **Save As** button to save the video as a copy of the original, meaning that it will not overwrite the original.

2. When the **Save As** box opens, give your edited a video a **Name**, **Description** and **Tags**. When ready, click on the **Done** button.

3. When the confirmation message appears, read it and click **OK**. Your edited video will be processed and added to your **Library**.

4. If you would like to overwrite the original version with your new changes, click **Save**. You can always revert to the original version (even after saving) using the **Restore** option.
5. Your edited video will now be processed. The *Edit video* option will be unavailable until processing has been completed.
Managing your content

14 Managing your content
As more and more of your lectures are recorded and added to your course, you may wish to manage them by renaming and putting them into groups. Doing so can make it easier to locate specific content.

14.1 Locating your lecture recordings
If your lecture was scheduled and recorded automatically, it will appear under the selected course within its own class. Recurring recordings will all have the same name so it’s recommended you change them for each individual class to help your students identify the lecture they wish to view.

To locate and edit the details of a scheduled recording:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
   *If you wish to change the availability of content in a different course please follow steps 2 & 3, if not continue straight to step 4.*

2. To change the details of content in a different course, click on the *Echo360* logo in the top left.

   ![Echo360 logo](image)

3. Click on the **course** you would like to change the details for.

   ![Course selection](image)

4. Locate the recording either by looking through the list or using the search box (you can search by name or date). If the recording has been processed, the **Video content** button will be green.

   ![Scheduled recording](image)

5. If you wish to edit the information for your recording, click on the **Edit details** button.

   ![Edit details button](image)
6. **Change the text in the Name field to something meaningful.** You can also add a **Description** for this class. Make your changes and click **OK** to apply them.

### 14.2 Creating classes, collections and reordering your content

Classes and collections can be used to help manage your content within your course.

#### 14.2.1 Understanding and creating classes

A class is essentially a container for a lecture recording or video file, and/or presentation. When a recording is scheduled, it appears within your course its own individual class. You can attach one presentation file or PDF to a scheduled recording’s class either before or after your lecture.

When an ad-hoc recording is performed, it will be given its own class like a scheduled recording.

You may occasionally wish to upload and share a video file and/or presentation file with your students as an additional resource. If this is the case, you will have to create a new class and add the resources to it.

**To create a new class:**

1. Within the course you wish to add the class to, click on the **New Class** button.

2. Complete the fields within the **New class** window and click on the **OK** button to create it. Always enter the **Start time** in 12 hour format, not 24 hour or an error message may appear.
Managing your content

3. Your new class will now appear in the list. You can edit it using its **Edit details** button if necessary.

4. Content can be added to this class using the **Add content** button and choosing either **Add video** or **Add presentation**. Videos or presentation can be uploaded or imported from your Replay Library.

14.2.2 Creating a new collection and reordering classes
You may find it useful to create a new group to store several classes within. For example, there may be a week where you would like your students to review videos or presentations which have been added to new classes. Rather than listing the names of the classes you would like them to view, you can create a group containing all of them then direct your students to the group.

**To create a new collection and reorder existing classes:**

1. Open the course you would like to create the collection within.
2. Click on the **New Collection** button.
3. Complete the fields within the **New Collection** window and click **OK** when you’re finished.

![New Collection window](image)

Your new collection will appear within the list of classes based on the date you selected when creating it.

![Scheduled Recording](image)

4. To begin moving classes into your new group, click on the **Reorder** button.

![Reorder button](image)

5. Click and drag the class you wish to move onto the newly created collection. When the collection turns blue, release the cursor button to drop it into the collection.

![Click and drag class](image)

6. You can quickly reorder the entire list by date using the **Oldest first** or **Newest first** options.

![Oldest/Newest first options](image)

7. When you have finished making your changes, click **Save**. When the **Warning!** message appears, read it and click **OK** to confirm you wish to save.
Managing your content

Week 1 Lecture Recording 20.07.2017

Ad Hoc Capture
15 Publishing, sharing and downloading your content

Media Hopper Replay provides you with several different ways of making your content available to your students.

15.1 Publishing

The default publishing options for your content varies depending on what the content is and how it was captured. All content can be published to any course you are an instructor on, or published to the Library of another Replay user.

Scheduled lecture recordings will be automatically published to your course as individual classes and will become available for viewing after 24 hours (see the Changing the availability of your content section of this guide on page 40 to learn how to make your content unavailable).

Ad hoc recordings allow you to choose whether you would like them to be published to your course after processing, or if you would like to save them to your Library where they will remain private until published or shared.

Video and presentation files can be uploaded and published to your Library to remain private, or to classes and made available to your students.

To publish your content to a course:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.

   If you wish to change the availability of content in your library please follow steps 2 & 3, if not continue straight to step 4.

2. To publish content from your library, click on the Echo360 logo in the top left.

3. Click on the My Content option in the left hand navigation and then select the content you would like to publish.
Publishing, sharing and downloading content

4. When your content opens, click on the **Add to a Class** button.

5. Choose which course you would like to publish your content to using the **Share Settings** form. When the form is complete, click on the **Share** button.

6. To un-publish your content from a course, click on the **X** button in the **Share Settings**.

7. Read the message in the **Warning!** box and click on the **OK** button to confirm.
15.2 Sharing
Your content can also be shared from your personal Library or your course to the personal Library of other Media Hopper Replay instructors.

To share content with other instructors:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.

   *If you wish to change the availability of content in your library please follow steps 2 & 3, if not continue straight to step 4.*

2. To publish content from your library, click on the Echo360 logo in the top left.

3. Click on the *My Content* option in the left hand navigation and then select the content you would like to publish.

4. When your content opens, click in the input box next to *Share with:* and type in the username followed by @ed.ac.uk of the user you wish to share content with.

You will now see the details of the user(s) you have published to appear in the *Share Settings.*
Publishing, sharing and downloading content

5. To stop sharing your content with an individual, click on the \( \times \) button next to that user in the Share Settings.

15.3 Enabling content downloads
As an instructor you can allow your students to download your lecture recordings and presentations from your course. By default, downloads are disabled so they must be manually enabled.

*When you enable downloads for your course, you do so for the entire course and all of its content, not just specific classes.*

To enable download and download your content:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
   
   *If you wish to change the availability of content in a different course please follow steps 2 & 3, if not continue straight to step 4.*

2. To change the downloading of content in a different course, click on the Echo360 logo in the top left.

3. Click on the course you would like to change the download settings for

4. Click on Settings to show the options for the course you currently have open.
5. From the left menu, Select **Features**. Click on the greyed out **Content downloads** option to enable downloads. When the **Warning!** message appears, read it and click **OK** to confirm.

6. Click on **Classes** from the top right to display your classes for your current course again.

7. Click on the green/grey **Video content** or **Presentation content** button. The **Download original** option should be visible if downloads have been correctly enabled.

8. Click on the **Download original** option, select the file you wish to download and click **Download**. When prompted, select the location to save the file to on your computer and click **Save**.

If you’re downloading a presentation or video file, select the location to save it to on your computer and click **Save**.

If it’s an ad hoc or scheduled capture you’re downloading, you will be asked to select the feed (camera, screen or audio) you wish to download and its quality.

If audio was recorded, it will always be mixed into any video or screen feeds downloaded.
9. Open the file from the location you saved it to on your computer to check that it downloads correctly.
16 Personal Library

The Library in Media Hopper Replay is your own personal space to store your content or access content that others have shared with you. For example, you can upload presentations or videos to this area to preview how they look before adding them to your course for your students to view.

16.1 Uploading content to your Library

To upload a file to your Library:

1. Click on *Echo360* in the top left of the Replay window. Your Library isn’t linked to any courses you are an Instructor on, so will always show you everything stored within it, irrespective of which course you are currently viewing.

2. Click on the *Upload* button and when the *Choose File* window appears, locate and select the file you wish to upload. As with uploading a file to a class within a course, files can be uploaded from Dropbox, Google Drive, Box, OneDrive (Personal & Business), or your computer.

3. When the confirmation window appears, click on *Close*.

*The file will now begin to process and will soon be available to view within your Library.*
Managing content within your Library

As you begin to use your Library more often, it may become more difficult to find specific files, especially if you have lots of similar looking content.

Using the search box, filter and sorting options at the top of the window can be a great way of quickly narrowing down and locating the file you wish to access. To quickly clear your search or filter selections, click on Clear All.

To view options for a specific file, hover over it and click on the ellipsis when they appear. The options within this menu allow you to view, share, edit, copy, download or delete the file.
16.3 Accessing content others have shared with you

If another Replay user has shared content with you, it will appear under the *Shared with me* section of your Library.
17 Q&As

The Question and Answer options allow you (as the Instructor) to post questions or discussion points, view and respond to questions your students have asked, and endorse student questions or answers students have given.

As the course Instructor, you can also delete any questions you feel are inappropriate or may cause offense. However, you cannot edit questions posted by another user.

17.1 Q&A discussions

Your students may wish to engage in discussions through Media Hopper Replay when viewing your lecture live, the recorded version or your uploaded presentations. They will be able to anonymously ask each other questions and provide answers, although you (as the Instructor) can always see their names.

To monitor Q&A discussions:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
   
   If you wish to change the availability of content in a different course please follow steps 2 & 3, if not continue straight to step 4.

2. To change monitor Q&A in a different course, click on the Echo360 logo in the top left.

3. Click on the course you would like to monitor Q&A discussion on

4. Click on the Q&A button to open the Q&A menu for the course you are currently viewing.
5. Click on **Classes** drop-down and select the class you would like to view the discussion for.

6. To delete a question or answer, open it from the list on the left and click on the X to the right of the question or answer you wish to delete.

7. When the **Warning!** message appears, click on the **OK** button to confirm you wish to delete the question. If you delete a question, any replies will also be deleted. Questions and replies will be permanently deleted.

8. Replay will now automatically refresh and the question/answer will no longer be visible.

17.2 Answering and asking questions

As an instructor, you may wish to get involved with discussions by replying to questions or by asking students your own questions.

17.2.1 Answering a question

To answer a question asked by a student:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.

   *If you wish to change the availability of content in a different course please follow steps 2 & 3, if not continue straight to step 4.*

2. To answer questions in a different course, click on the **Echo360** logo in the top left.
3. Click on the course you would like to answer questions on

![Course selection](image)

4. Click on the Q&A button to open the Q&A menu.

![Q&A menu](image)

5. Click on the number under New Questions to be taken to the Q&A menu for that specific class. Here you will see any newly posted questions marked with a small red circle.

![New Questions](image)

6. Select the question you want to reply to from the left and click on the Respond to this question button below the question.

![Respond to question](image)

7. Enter your reply in the text entry box. Use the Attachment option to upload and attach a file if required. Click Post to submit your response.

![Reply submission](image)
17.2.2 Asking and editing questions
Replay also allows you post questions or comments to the course or individual classes within the course. This can be a good method of prompting your students to enter discussions.

To post a question to a course:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
   
   If you wish to change the availability of content in a different course please follow steps 2 & 3, if not continue straight to step 4.

2. To answer questions in a different course, click on the Echo360 logo in the top left.

3. Click on the course you would like to answer questions on
4. Click on the **New Question** button and enter your question or discussion text into the text entry box.

![New Question Button](image)

5. Leave the **Select a class** option as it is if you want to post your question to the general course. If your question is for a specific class within this course, select it from the list.

6. Click on the **Post Question** button.

![Post Question Button](image)

7. Your question will now appear within the Q&A menu for your students under both the All Questions and General Questions menus.

![Q&A Menu](image)

**To edit a question:**

1. Locate and hover over the question you wish to edit (only your own questions can be edited) until the down-pointing arrow appears. Click on it and choose **Edit**. You can also delete the question from this menu too.
2. Make any changes to the question’s text or location (class or course) and click on the **Save** button.

![Image of Q&A interface](image)

The question will now be updated with the changes you made.
18 Analytics

The Analytics tab for a section provides a large amount of analytic and engagement data for your entire class or individual students within your course.

18.1 Analytics overview

To open the Analytics tab:

1. Log into the VLE (Learn or Moodle) that you use for your course and open Replay using the Media Hopper Replay link you created.
   
   *If you wish to change the availability of content in a different course please follow steps 2 & 3, if not continue straight to step 4.*

2. To answer questions in a different course, click on the *Echo360* logo in the top left.

3. Click on the *course* you would like to answer questions on.

4. When the course opens, click on *Analytics*.

The Analytics tab will now open and will show how your entire class have been engaging with your course content.
Getting started with Media Hopper Replay
18.1.1 Class engagement analytics

When you first enter the Analytics tab as an Instructor, the default is to show you the Engagement, Attendance %, Video Views, Slide Deck Views, Polling Responses, Notes, Questions, and Confusion Flag metrics for your course.

To view analytics for your course:

1. To show data for a specific class within your course, hover over that class in the chart and the interaction analytics will be shown.

2. To highlight the engagement with a particular class, hover over the name of the class in the table at the bottom and this will highlight that particular row of data.
18.1.2 Student engagement analytics
As well as viewing how your class as a whole are engaging with your course, it may also be useful to see how engaged individual students are too.

To view student engagement:

1. Click on **Students** from the left-hand side menu to show student information.

You can now see the same metrics as you saw for entire classes within the chart in a table for each student enrolled on the course.

2. If you wish to see how your students engaged with a specific class within your course, click on **All Classes** and select the class from the list. The data displayed will now update.
18.2 Downloading student analytic data

Replay also allows you to download your course analytic data and save it as a .csv file.

To download your analytic data:

1. Click on Students from the left-hand side menu to show student information.

2. You can now see the same metrics as you saw for entire classes within the chart in a table for each student enrolled on the course.

3. Click on the Export button.

   This will download the same information presented in the table, if you wish to download more detailed information then please follow the steps below.

4. Click on Export & Gradebook from the left hand navigation menu.
5. Choose the category you wish to download and click on the **Start Export Job** button. This will then start to generate the .csv file for download.

6. To download the csv file, click on **Download** in the **Export Type** view.

Further information on the analytics provided can be found on the vendors website: https://edin.ac/323KhoU