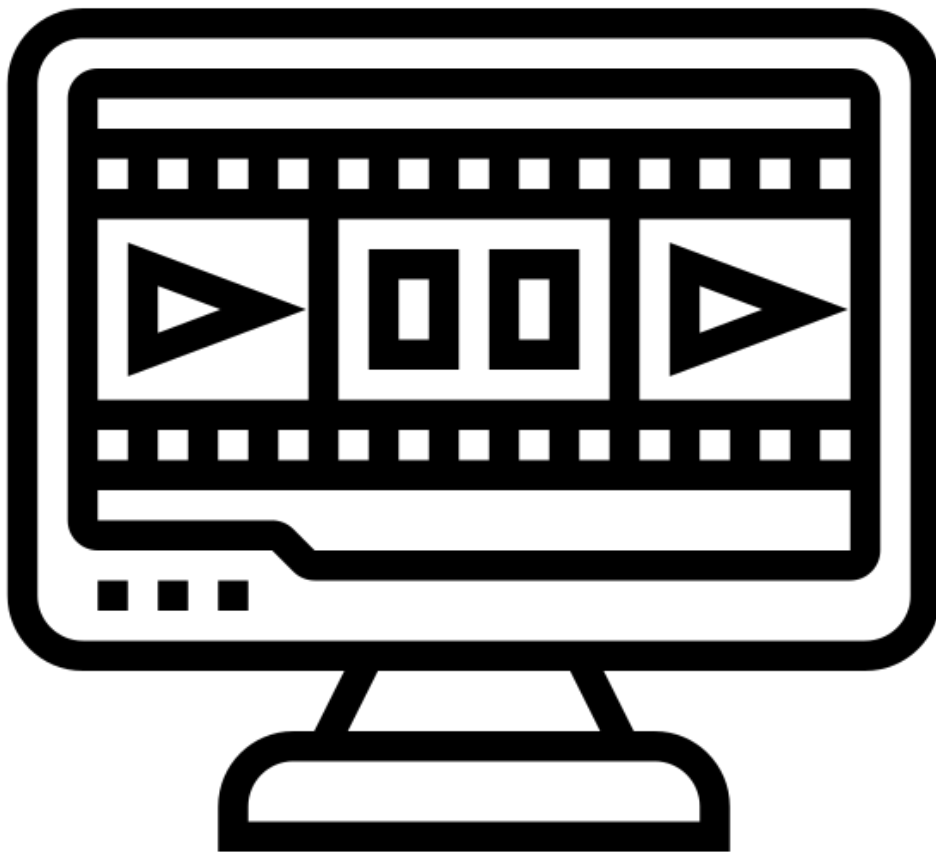


# T4 Creative iMedia Home Learning Booklet



Name: \_\_\_\_\_

Tutor Group: \_\_\_\_\_

Creative iMedia Teacher: \_\_\_\_\_

### HL1 – Distributing media products

1. List as many methods of distributing media products as you are able to, under the categories in the table below.

| Physical distribution | Digital distribution |
|-----------------------|----------------------|
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2. Explain one potential issue of using physical media to distribute a product.

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3. Explain one potential issue of using digital media to distribute a product.

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4. Detail the advantages for a band in choosing to release their new album on a streaming music service rather than a CD.

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## HL2 – File compression

An online service makes use of lossy compression when streaming films.

1. Explain what lossy compression is.

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2. List the advantages and disadvantages of using lossy compression.

| Advantages of lossy compression | Disadvantages of lossy compression |
|---------------------------------|------------------------------------|
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3. In what circumstances would it be better to use lossless compression, rather than lossy compression?

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### HL3 – Properties of image files

A designer is creating a physical book called 'Relax'.

1. State an appropriate dpi for the photographs contained in the book.

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2. Identify appropriate file formats that may be chosen from for the photographs, using the acronym for each file format followed by a brief justification of its suitability for the purpose.

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3. The cover will feature an illustration of a person in a hammock. Explain why the illustrator might use a vector image format.

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4. The book will be promoted on a website. State an appropriate PPI for a thumbnail image.

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## HL4 – Properties of audio files

A band wants to record their latest single as a high-quality recording suitable for editing.

1. State an appropriate file format for the recording and explain why your chosen file format is appropriate for this purpose.

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2. The band want to distribute the final, edited recording to their fans. State an appropriate file format for distribution and explain why your chosen file format is appropriate for this purpose.

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## HL5 – Properties of moving image files

1. A natural history documentary will be distributed online and on Blu-ray in HD format.

- a. State the meaning of the term HD.

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The documentary will also be released as 4K UHD.

- b. Explain the meaning of the term 4K UHD.

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- c. Explain one benefit to the viewer in watching the 4K UHD version rather than the HD version.

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2. An action camera is used to record action in high-speed sports. The camera operates at 30, 60 or 120 FPS. Explain the advantage of using 120 FPS.

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