

DIGITAL TECHNOLOGIES: CREATE A DIGITAL MEDIA OUTCOME

Create a digital media outcome requires students to construct a digital media outcome that integrates media types and incorporates original content. The specifications for the digital media outcome, software and techniques to be used need to be determined prior to the outcome being made.

Initially students learn to perform a set of techniques, as instructed, to produce a digital media outcome. Students should progress to integrating digital media types using complex tools and techniques (eg, *Web design*: HTML/CSS, scripting dynamic data handling, interaction between user and content, multiple device outputs; *Desktop publishing*: interactivity, form elements, chapters and sections; *Motion graphics*: Complex transitions, multiple tracks, post processing; *Audio*: multiple tracks, manipulating multiple tracks, overlays, equalising; *Image manipulation*: colour histograms and adjustments, non destructive editing, pen tools and paths, filter effects, graphic optimisations, colour management and printing, automation/scripts) when constructing original digital media outcomes such as an *animation or multi-page website* that integrates student created graphics, video and/or audio; an edited, student-produced *movie* integrating student created soundtrack, graphics and/or animation; a *multi-page desktop published document* integrating student created graphics and/or still images.

	LEVEL 6	LEVEL 7	LEVEL 8
LO	<i>Implement basic procedures to create a digital media outcome</i>	<i>Implement advanced procedures to create a digital media outcome</i>	<i>Implement complex procedures to create a digital media outcome</i>
TEACHER GUIDANCE	<p>To support students to implement basic procedures to create a digital media outcome, at level 6, teachers could:</p> <ul style="list-style-type: none"> • Provide opportunity for students to explore and develop technical expertise with digital media tools. • Provide opportunity for students to apply an understanding of digital media to design and create a number of different digital media outcomes using a variety of digital media technologies. • Provide opportunity for students to develop an understanding about the legal, ethical and moral responsibilities as appropriate to a digital media outcome. • Provide opportunity for students to develop an understanding about, and apply data integrity and testing procedures that ensure a digital media outcome meets brief specifications • Provide opportunity for students to interpret the needs of a situation to publish a successful and appropriate digital media outcome. 	<p>To support students to implement advanced procedures to create a digital media outcome, at level 7, teachers could:</p> <ul style="list-style-type: none"> • Provide opportunity for students to apply advanced tools and techniques to enhance the presentation of digital media content. • Guide students to select digital media software applications and specific features when creating, editing and integrating digital media. • Provide opportunity for students to identify and apply file management techniques to successfully publish digital media content. • Provide opportunity for students to input, manipulate and test digital media data, and ensure its compliance with current web standards or other digital media compliance requirements. • Provide opportunity for students to apply processes for media input, editing, testing, and publishing techniques that ensure data integrity; and consider legal, ethical and moral responsibilities that ensure a digital media outcome addresses a brief's specifications. • Provide opportunity for students to create virtual, incomplete or new realised digital media outcomes in a manner that economises the use of resources in production and ensure a digital media outcome's usability, for example, timely fashion, optimisation of tool selection and use. 	<p>To support students to implement complex procedures to create a digital media outcome, at level 8, teachers could:</p> <ul style="list-style-type: none"> • Provide opportunity for students to select digital media software applications and specific features to create, edit and integrate digital media types. • Provide opportunity for students to apply complex tools and techniques to create a digital media outcome. • Guide students to apply processes for media input, editing, testing, and publishing techniques that ensure data integrity and consider legal, ethical and moral responsibilities that ensure a digital media outcome addresses a brief's specifications. • Provide the opportunity for students to create digital media outcomes in a manner that economises the use of resources in production and ensures a digital media outcome's usability.
INDICATORS	<p>Students can:</p> <ul style="list-style-type: none"> • use appropriate features of digital media software to edit and integrate digital media types to create a digital media outcome • apply formatting techniques, design elements, and data integrity and testing procedures, to ensure the outcome meets the specifications • follow legal, ethical, and moral responsibilities as appropriate to the outcome • show accuracy and independence in the application of techniques and testing procedures • undertake techniques and testing procedures in a manner that economises the use of resources in a digital media outcome's production and use. 	<p>Students can:</p> <ul style="list-style-type: none"> • select software based on the features of the program(s) that enable media types to be created, edited and integrated • use advanced tools and techniques to edit and integrate digital media types to create a digital media outcome • apply advanced formatting techniques, design elements, and data integrity and testing procedures, to ensure a digital media outcome meets the specifications • follow legal, ethical, and moral responsibilities as appropriate to a digital media outcome • show accuracy and independence in the application of advanced tools, techniques and testing procedures • apply tools and techniques and testing procedures in a manner that economises the use of resources in a digital media outcome's production and usability. 	<p>Students can:</p> <ul style="list-style-type: none"> • select appropriate digital media software applications and specific features to create, edit and integrate digital media types • accurately and independently apply a set of complex tools and techniques, as appropriate to the media, to create a digital media outcome • accurately and independently apply data integrity and testing procedures • follow legal, ethical and moral responsibilities as appropriate to the outcome • effectively undertake techniques and procedures in a manner that economises the use of resources in a digital media outcome's production and usability.
AS	AS91073 Digital Technologies 1.43 <i>Implement basic procedures to produce a specified digital media outcome</i>	AS91370 Digital Technologies 2.43 <i>Implement advanced procedures to produce a specified digital media outcome</i>	AS91635 Digital Technologies 3.43 <i>Implement complex procedures to produce a specified digital media outcome</i>
	Level 1 Digital Technologies standards & assessment resources	Level 2 Digital Technologies standards & assessment resources	Level 3 Technology achievement standards & assessment resources DRAFT