

**DIGITAL TECHNOLOGIES: KNOWLEDGE OF DIGITAL MEDIA**

Knowledge of digital media focuses on understanding of concepts of digital media that need to be considered when developing digital media outcomes. Initially students learn about basic concepts of digital media. These basic concepts include such things as the media types, software resources, and techniques used to create digital media outcomes. They also include such things as influence of design elements, communication purpose, and ethics are considered when developing digital media outcomes. Students progress to learning about complex concepts of digital media such as those tools and techniques used to present content across multiple outcomes, application of digital media standards and conventions, asset management, file management, naming conventions, and legal, ethical, and moral considerations in relation to the requirements of digital media outcome within the wider community.

	LEVEL 6	LEVEL 7	LEVEL 8
<b>LO</b>	<i>Demonstrate understanding of basic concepts in digital media</i>	<i>Demonstrate understanding of advanced concepts in digital media</i>	<i>Demonstrate understanding of complex concepts of digital media</i>
<b>TEACHER GUIDANCE</b>	<p>To support students to develop understandings about basic concepts in digital media at level 6, teachers could:</p> <ul style="list-style-type: none"> <li>• Provide students with the opportunity to explore a range of digital media outcomes.</li> <li>• Ensure the digital media outcomes students investigate demonstrate an integration of media types and are of sufficient rigour for this level (see indicators below).</li> <li>• Provide opportunity for students to explain how basic tools and techniques have been used to create digital media outcomes.</li> <li>• Guide students to consider why ethical considerations are important when developing digital media outcomes</li> <li>• Guide students on how to prepare reports including ways to structure a report .</li> <li>• Support students to develop literacy strategies that assist them to write reports in a way that will allow them to identify, describe, explain, and discuss.</li> </ul>	<p>To support students to develop understandings about the advanced concepts in digital media at level 7, teachers could:</p> <ul style="list-style-type: none"> <li>• Provide students with the opportunity to explore a range of digital media outcomes.</li> <li>• Ensure the digital media outcomes students investigate demonstrate an integration of media types and are of sufficient rigour for this level (see indicators below).</li> <li>• Provide opportunity for students to explain how advanced tools and techniques have been used to create digital media outcomes.</li> <li>• Provide opportunity for students to discuss the implications of adhering to digital media standards and conventions whilst developing digital media outcomes.</li> <li>• Provide opportunity for students to discuss the importance of asset management and file management whilst developing digital media outcomes.</li> <li>• Guide students to consider the legal, ethical, and moral responsibilities to the wider community when developing digital media outcomes.</li> <li>• Guide students to understand the importance of appropriate data integrity and testing procedures whilst developing digital media outcomes.</li> <li>• Support students to develop literacy strategies that assist them to write reports in a way that will allow them to identify, describe, explain, and discuss</li> </ul>	<p>To support students to develop understandings about the complex concepts of digital media at level 8, teachers could:</p> <ul style="list-style-type: none"> <li>• Provide students with the opportunity to explore a range of digital media outcomes.</li> <li>• Ensure the digital media outcomes students investigate demonstrate an integration of media types and are of sufficient rigour for this level (see indicators below).</li> <li>• Provide opportunity for students to discuss design elements associated with complex digital media outcomes.</li> <li>• Ensure students understand why content needs to be manipulated to be used across media types.</li> <li>• Provide opportunity for students to explain how complex tools and techniques have been used to create complex digital media outcomes.</li> <li>• Provide opportunity for students to discuss the needs as well as the implications of adhering to digital media standards and conventions to present content in complex digital multiple outcomes.</li> <li>• Guide students to explain the legal, ethical, and moral responsibilities to the wider community when developing digital media outcomes.</li> <li>• Guide students to understand the importance of appropriate data integrity and testing procedures whilst developing digital media outcomes.</li> <li>• Support students to develop literacy strategies that assist them to write reports in a way that will allow them to, explain, and discuss the various concepts of digital media.</li> </ul>
<b>INDICATORS</b>	<p>Students can:</p> <ul style="list-style-type: none"> <li>• identify the digital media types in a digital media outcome</li> <li>• describe the software resources used to create a digital media outcome</li> <li>• describe basic techniques used to create a digital media outcome</li> <li>• describe design elements in a digital media outcome</li> <li>• describe the communication purpose of a digital media outcome, and discuss why distinguishing characteristics of a digital media outcome support its communication purpose</li> <li>• explain how software resources and techniques used affected the technical quality of a digital media outcome</li> <li>• explain why ethical considerations were important in the creation of a digital media outcome</li> <li>• discuss why software resources and techniques were used to create a digital media outcome and how they affected its technical quality.</li> </ul>	<p>Students can:</p> <ul style="list-style-type: none"> <li>• discuss why advanced tools and techniques have been used to create, edit and integrate digital media outcomes and how their use have enhanced the outcome</li> <li>• explain the digital media standards and conventions used to produce digital media outcomes, and discuss the positive and negative implications of adhering to these standards and conventions when developing digital media outcomes</li> <li>• explain how asset management and file management are applied in the development of digital media outcomes, and discuss the importance of effective and appropriate asset management and file management in the development of digital media outcomes</li> <li>• explain legal, ethical and moral considerations in relation to the requirements of digital media outcomes in the wider community</li> <li>• explain the data integrity and testing procedures used to ensure a digital media outcome meets the specifications, and how they were applied</li> <li>• discuss the importance of appropriate data integrity and testing procedures in the development of digital media outcomes</li> <li>• evaluate how the application of advanced tools, techniques, standards and conventions affect the quality of digital media outcomes</li> <li>• discuss the relationship between standards and conventions, and legal, ethical and moral considerations in relation to the requirements of digital media outcomes.</li> </ul>	<p>Students can:</p> <ul style="list-style-type: none"> <li>• explain the complex tools and techniques used to present content across multiple digital media outcomes</li> <li>• explain the importance of selecting appropriate digital media software applications and specific features to present content across multiple outcomes</li> <li>• discuss design elements associated with complex digital media outcomes</li> <li>• explain the implications of adhering to digital media standards and conventions to present content across multiple digital media outcomes, and discuss the needs as well as the positive and negative implications of adhering to these standards and conventions when developing digital media outcomes</li> <li>• explain the data integrity and testing procedures used to ensure a digital media outcome meets specifications</li> <li>• explain the legal, ethical and moral considerations in relation to the requirements of a digital media outcome in the wider community</li> <li>• discuss the relationship between the tools, techniques, design elements, legal, ethical and moral considerations in relation to the requirements of the outcome</li> </ul>
<b>AS</b>	<p><b>AS91072 Digital Technologies 1.42</b> <i>Demonstrate understanding of basic concepts of digital media</i></p>	<p><b>AS91369 Digital Technologies 2.42</b> <i>Demonstrate understanding of advanced concepts of digital media</i></p>	<p><b>AS91634 Digital Technologies 3.42</b> <i>Demonstrate understanding of complex concepts of digital media</i></p>
	Level 1 Digital Technologies standards & assessment	Level 2 Digital Technologies standards & assessment resources	Level 3 Technology achievement standards & assessment resources DRAFT