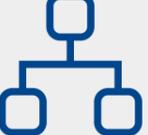


# Scholarly and Digital Capabilities Framework

Building students' capabilities with data, information, knowledge and technologies for 21st century learning, research and work



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MELBOURNE

Capabilities	Directed research	Guided research	Self-directed research	Independent research
 <b>Search, navigate, locate</b>	<p>Clarify understanding of the question. Identify key concepts and plan an approach for searching and determining types and scope of data, information and knowledge required for task or project</p> <p>Identify and navigate recommended technologies, tools and platforms to enact searches and locate relevant data, information and knowledge</p>	<p>Develop manageable questions or projects, draft a search strategy and determine types and scope of data, information and knowledge required</p> <p>Identify and navigate relevant technologies, tools and platforms for interrogation and discovery of data, information and knowledge appropriate to the project</p>	<p>Plan advanced lines of enquiry and strategies for accessing a broad range of data, information and knowledge when scoping select questions and projects</p> <p>Configure, use and refine advanced features across a selection of tools, platforms and technologies for navigating and locating appropriate data, information and knowledges</p>	<p>Formulate complex lines of inquiry and search strategies and determine the type and scope of data, information and knowledges required for literature reviews and research projects</p> <p>Systematically navigate a network of discipline-specific, multidisciplinary and emerging technologies, tools and platforms, and locate targeted data, information and knowledges for research outputs towards original scholarship</p>
 <b>Evaluate, analyse, review</b>	<p>Evaluate the resulting data, information and knowledge using recommended criteria relevant to the task or project</p> <p>Review strategies, tools, platforms and technologies and adjust study and research and work practices as context evolves</p>	<p>Evaluate and analyse data, information and knowledges. Refine and evolve scope of the project as required</p> <p>Review strategies and selection of resources, analytical tools, platforms and technologies for relevance to project and context</p>	<p>Evaluate and analyse data, information and knowledges and refine context to ensure the efficacy of the project as new concepts emerge</p> <p>Review selection of analytical tools and update resources, tools, platforms, technologies and strategies to ensure the relevance to project</p>	<p>Evaluate and analyse a comprehensive range of data, information and knowledges using self-defined criteria. Review the efficacy of the research process</p> <p>Review selection and use of multiple technologies, tools and platforms and refine strategies as new knowledge is uncovered</p>
 <b>Organise, manage, curate</b>	<p>Use organising principles, academic integrity and copyright strictures within recommended platforms to manage data, information and knowledge for a contextualised task or project</p> <p>Understand privacy and security settings and relevant policies when working with recommended tools, platforms and emerging technologies for organising data, information and knowledge</p> <p>Awareness of preservation principles such as archiving and migrating data, information and knowledge across formats and technologies for future access and sharing</p>	<p>Understand principles and policies around ethical and legal management of data, information and knowledge when curating research findings across appropriate tools and platforms</p> <p>Understand privacy and security settings and policies when working with and organising data and information across an appropriate selection of tools, platforms and emerging technologies</p> <p>Consider archiving content for version control, preservation and migration for future access and sharing if appropriate to project</p>	<p>Comply with ethical and legal standards when managing and curating data sets, information and knowledges across a range of tools and platforms</p> <p>Understand privacy and security settings and policies when working with and organising data and information across multiple tools, platforms and emerging technologies</p> <p>Consider archiving content for version control, preservation and migration for future access and sharing if appropriate to project</p>	<p>Consider ethics, security and privacy issues when organising, managing and curating research data, information and knowledge across multiple platforms</p> <p>Consider appropriate technological options, including emerging technologies, when organising, managing and curating sets of data, information and existing or new knowledge across all aspects of the research process</p> <p>Use or create a secure space for preserving and archiving research data, information and knowledge for future access and sharing</p>
 <b>Create, collaborate, reflect</b>	<p>Use and synthesise relevant data, information and knowledge from organised and curated evidence to respond creatively to given tasks or projects</p> <p>Create and co-create artefacts and spaces using existing and emerging technologies for presenting learnings to specific audiences</p> <p>Individually, and with peers and mentors, reflect on outcomes and learnings using multi-modal feedback opportunities</p>	<p>Create responses to scholarly questions and professional challenges using relevant formats, tools and platforms</p> <p>Create and co-create artefacts and spaces, engaging with technologies and showcasing findings to select scholarly and professional audiences</p> <p>Individually and with peers and mentors, reflect on the learnings from the process and success of the outcomes through appropriate feedback channels</p>	<p>Create responses to scholarly questions and professional challenges using relevant formats, tools and platforms</p> <p>Create and co-create artefacts and spaces for showcasing and engaging with content and technologies in innovative ways</p> <p>Individually and with peers, mentors and broader community groups, reflect on learnings and outcomes from the process through appropriate feedback channels</p>	<p>Build a body of evidence and create an original contribution to a field of research or an advance in professional practice using multiple and emerging technologies, tools, platforms and conventions</p> <p>Create, co-create and engage in spaces for showcasing and reviewing content and technologies in innovative ways</p> <p>Create and maintain active author identifications and profiles and link research outputs across platforms. Build awareness of emerging technologies</p>
 <b>Communicate, connect, share</b>	<p>Communicate and collaborate with prescribed groups through the use of social platforms. Understand the ethical, safety and security issues involved in sharing across specific spaces</p> <p>Maintain a digital profile as the basis for making and building connections and aiding the sharing of content with peers and specified audiences</p>	<p>Responsibly share content across a range of collaborative spaces and social platforms. Connect with peers and learning communities</p> <p>Maintain digital identities that assist with communication and access of content for select audiences. Understand platform settings for safety and data security</p>	<p>Responsibly share content across a range of collaborative spaces and social platforms. Connect with peers, learning communities and broad interdisciplinary networks</p> <p>Maintain digital identities that assist with communication, discovery and access of content. Understand platform settings and policies governing sharing, safety and data security</p>	<p>Understand legalities and ethics in sharing scholarly contributions across multiple collaborative, social and research platforms. Translate new knowledge to connect with broader communities</p> <p>Use digital identities to build networks and professional track record and contribute to the impact of original research across the globe</p>



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