

Developing learning literacies in the context of manipulating information

Attributes / Identities

I am...

Practices
(ways of thinking and acting)

I apply...

Skills
(personal capabilities)

I can - I know how - to do/use...

Functional Access

I have access to...

Awareness

*I know of...
I am aware of...*

LEARNING LITERACIES

Digital Literacies

Information Literacies

Academic Literacies

I am confident in the way I explore and analyse data and information in order to see patterns within it and between different elements

I analyse the arguments made by others according to the evidence they provide and use evidence to support my own opinions and arguments
 I apply information to solve complex problems using digital technology
 I use models and simulations to explore complex data and issues relating to my discipline
 I compare and evaluate different pieces of information to demonstrate the relationships between them and synthesise them coherently
 I analyse new information and am able to assimilate it into existing knowledge, including where it challenges my current thinking and may cause me to change my direction

I can create a database or a spreadsheet to store numeric and textual data
 I can use digital tools to manipulate and transform different kinds of media
 I can apply data analysis tools and techniques to produce meaningful, valuable results
 I can analyse and interpret information for use in a range of different contexts, such as essays, assignments or projects
 I can use statistical and pattern analysis tools and techniques
 I can create a bibliography that is appropriately formatted

I have access to data analysis tools, such as spreadsheets, databases, statistical analysis packages

I am aware that there are different data analysis tools
 I am aware that there are different ways to analyse data
 I am aware of the different ways in which information is structured
 I am aware of the need to consider reliability and relevance of the information or data before trying to interpret it

I am aware of statistical methods and why I need to use them
 I am aware of the difference between information and data