**Research Skills**

* **Information literacy - Formulating and planning, data gathering and recording, synthesizing and interpreting, evaluating and communicating.**
  + **Formulating and planning**
    - Ask or design relevant questions of interest that can be researched.
    - Outline a plan for finding necessary information.
    - Evaluate and select appropriate information sources and/or digital tools based on the task.
  + **Data gathering and recording.**
    - Gather information from a variety of primary and secondary sources.
    - Use all senses to find and notice relevant details.
    - Record observations by drawing, note taking, charting, tallying, writing statements, annotating images.
  + **Synthesizing and interpreting**
    - Sort and categorize information: arrange information into understandable forms such as narratives, explanatory and procedural writing, tables, timelines, graphs, and diagrams.
    - Use critical literacy skills to analyze and interpret information.
  + **Evaluating and communicating**
    - Draw conclusions from relationships and patterns that emerge from data.
    - Present information in a variety of formats and platforms.
    - Understand the significance of academic integrity and intellectual property rights.
    - Create references and citations, use footnotes/endnotes, and construct a bibliography according to recognized conventions.
* **Media literacy - Interacting with media to use and create ideas and information.**
  + Locate, organize, analyze, evaluate, and synthesize information from a variety of trusted sources, social media and online networks.
  + Compare, contrast, and draw connections among (multi)media resources.
  + Seek a range of perspectives from multiple and varied media sources.
  + Demonstrate awareness of media interpretations of events and ideas.
  + Communicate information and ideas effectively to multiple audiences using a variety of media and modalities.
* **Ethical use of media/ information - Understanding and applying social and ethical technology.**
  + Use media ethically to communicate, share and connect with others.
  + Differentiate reliable from unreliable resources.
  + Understand the impact of media representations and modes of presentation.