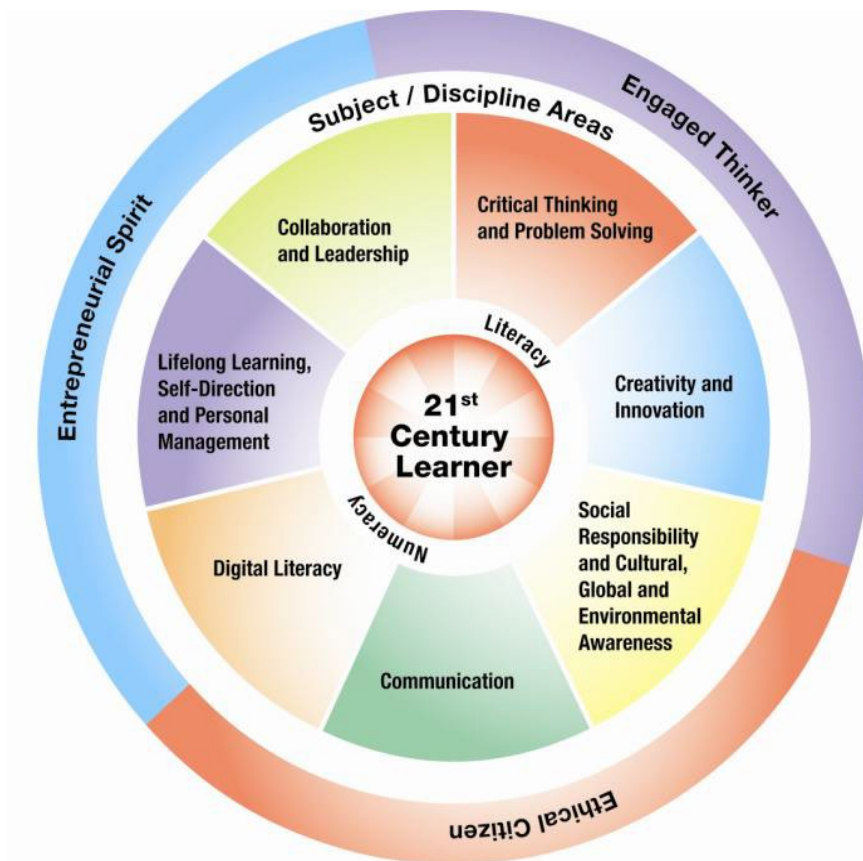


APPENDIX 2 21ST CENTURY SKILLS INVENTORY



Source : *Inspiring Action on Education : Government of Alberta*

When assessing a program's curriculum, one of the questions to ask is how the program is supporting the development of 21st century essential skills. Over the past decade, the nature of work has been changing because of the advances in digital technology. In the future, the forces of automation and innovation will shape employment. Advancements in technology is changing the skills that employers seek. The demand for less-advanced skills that can be replaced by technology is declining but the demand for advanced cognitive skills, socio-behavioral skills, and adaptability skills are rising (World Bank, 2019). As depicted in the figure below, literacy and numeracy remain foundational to student learning. However, there are seven skills that are necessary to be active participants in an increasingly knowledge-based society: 1-collaboration and leadership, 2-critical thinking and problem solving, 3-creativity and innovation, 4-social responsibility and cultural global, and environmental awareness, 5-communication, 6-digital literacy, 7-lifelong learning, self-direction, and personal management.

Through a carefully designed and student-focused curriculum, students should be able to develop these skills and become engaged thinkers, demonstrate ethical citizenship, and develop an entrepreneurial spirit (Government of Alberta, 2010).

For further information : Visit [Inspiring Action on Education : Government of Alberta](https://www.inspiringaction.ca/)

Other Resources

<https://www.aeseducation.com/blog/what-are-21st-century-skills>