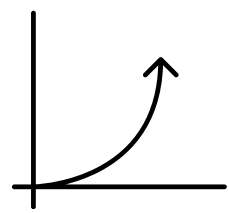


ERGONOMIC DESIGN FOR IMPACTFUL DIGITAL LEARNING EXPERIENCES



VISUAL SUPPORTS

Infographics, charts, illustrations, etc. facilitate learning. Place them in proximity to explicative texts.



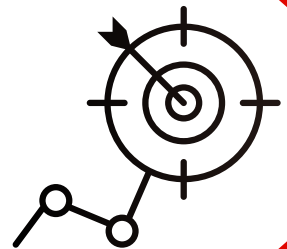
COMMENTARY

Including video or audio commentary to explain visuals augments their efficacy.



REDUNDANCE

Presenting the same content in different modalities can negatively impact learning.



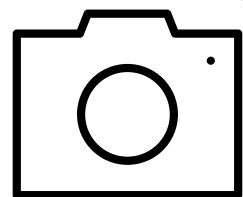
ACCESS

Learners need visual access to information while treating it as demonstrated by the transient information effect.



SEQUENCING

A sequence of images or animation is preferable to longer video demonstrations.



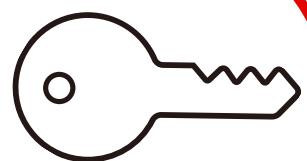
NOISE

Avoid unnecessary elements such as music, animation and hyperlinks that distract from the learning.



BOLD

Use bold print sparingly to help learners retain key ideas.



ADAPTED FROM "RECOMMANDATIONS ERGONOMIQUES POUR LA CONCEPTION DES TICE"
(MAYER, 2009 ; JAMET, 2008 ; BETRANCOURT 2007)