

Degree of Technology Usage in Museums



Definition →

Further information Provides complementary and specific information on works, exhibitions or spaces

Interaction with the work Helps us establish a direct relationship with the pieces by activating mechanisms in response to our commands

Educational uses Provides educational content designed for specific audiences

Co-creation Facilitates the creation of stories and content jointly with the community that supports the institution

Co-funding Collective patronage whereby institutions turn to their community to fund specific projects

Experimentation and interaction with content Offers the possibility of actively discovering the stories and concepts exhibited/publicised at the institutions

Immersive experience Provides all-enveloping interaction with the works and the premises

Low use

Medium use

High use

Technology	Definition	Further information	Interaction with the work	Educational uses	Co-creation	Co-funding	Experimentation and interaction with content	Immersive experience
Touchscreens	Screens that respond to being touched on the surface by providing information and interacting with the user	High use	Medium use	High use	Low use	Low use	High use	Low use
QR codes	Two-dimensional modules in the form of barcodes for storing information	High use	Low use	Medium use	Low use	Low use	High use	Low use
3D	Technology that creates or recreates objects and spaces in 3 dimensions	High use	High use	High use	Medium use	Low use	High use	High use
Augmented reality	Viewing an environment or real object through a technological device that provides virtual information, recreating a mixed reality	High use	High use	High use	Low use	Low use	High use	High use
Geolocation	Automatic detection of geographical location	High use	High use	Low use	Low use	Low use	High use	High use
Beacons	Small devices that broadcast a shortwave signal in Bluetooth	High use	High use	Medium use	Low use	Low use	High use	High use
Sensors and monitoring	Technological devices that detect movement, weight or physical traits, responding in a predetermined manner	Low use	High use	High use	Low use	Low use	High use	High use
Wearables	Technological devices worn on the body that detect or respond to stimuli and movements	High use	High use	High use	Low use	Low use	High use	High use
Robots	Electromechanical machines that perform actions predetermined by a computer programme	Medium use	High use	High use	Low use	Low use	High use	Low use
Labs	Spaces for experimentation and co-creation with museum content and technology applied to it	High use	High use	High use	High use	Medium use	High use	Low use
Web 2.0 technology	Technology that uses Internet platforms to provide information, co-creation, interaction and collaboration between users	High use	Medium use	High use	High use	High use	High use	Low use

