

NATIONAL WATERFRONT MUSEUM SWANSEA





The £33.5 million museum is situated in Swansea, Wales which opened in October 2005. The museum deals with the history of the industrial revolution and innovation by combining historical artifacts with modern technologies such as interactive touchscreens and multimedia presentation systems.



The Museum put a lot of effort into accessibility and is one of the first in the UK to feature multilingual voice overs and sign language.



Real life artifacts, archive footage, photographs, 2D graphic panels, video diaries and various and often ingenious interactive computer displays.

"It's not having gadgets for gadgets sake- the technology allows us to get the real stories"- Dr Richards Bevins



The heritage of Wales is brought to life!- it includes a detailed scaled model of the 1863 steam ship Zeta, which gave Catherine Zeta Jones her middle name.



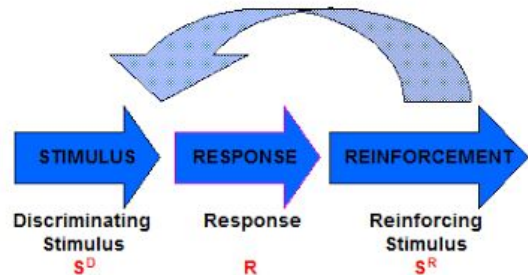
A large area is dedicated completely to real life traditional machinery- including a working replica of the first steam train 'Locomotive' in Wales.



Behaviourism

Behaviourism is an educational learning theory, that can be accessible in the Waterfront Museum. It is behaviour that can be explained by external factors. Through many studies it has shown that museums that feature many different interactive exhibits has a positive effect on an individual person and it is an effective way of

Behavioral Theory:
Operant Conditioning



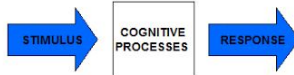
Cognitivism

This is piaget's theory which suggests a child develops cognitive pathways in understanding and physical response to experiences. She says in this theory students learn most efficiently through reading text and lecture instruction. The National Waterfront Museum took this learning theory on board and they feature many lecture-styled private rooms to have study sessions in smaller groups of people. It also has 2-D graphic panels and real life artefacts full of information so any individual can read as much or as little as they'd like.

Cognitive Theory

LEARNING

- Based on mental processes by which learners take in, interpret, store and retrieve information



Humanism

Humanism focuses on the individual and asserts that learning is a natural process that helps a person reach self-reflection. This is encouraged in The Waterfront Museum as no learning is forced, but people can naturally gravitate to what they are most interested in. Doing it this way makes it more likely that the individual will retain the information.

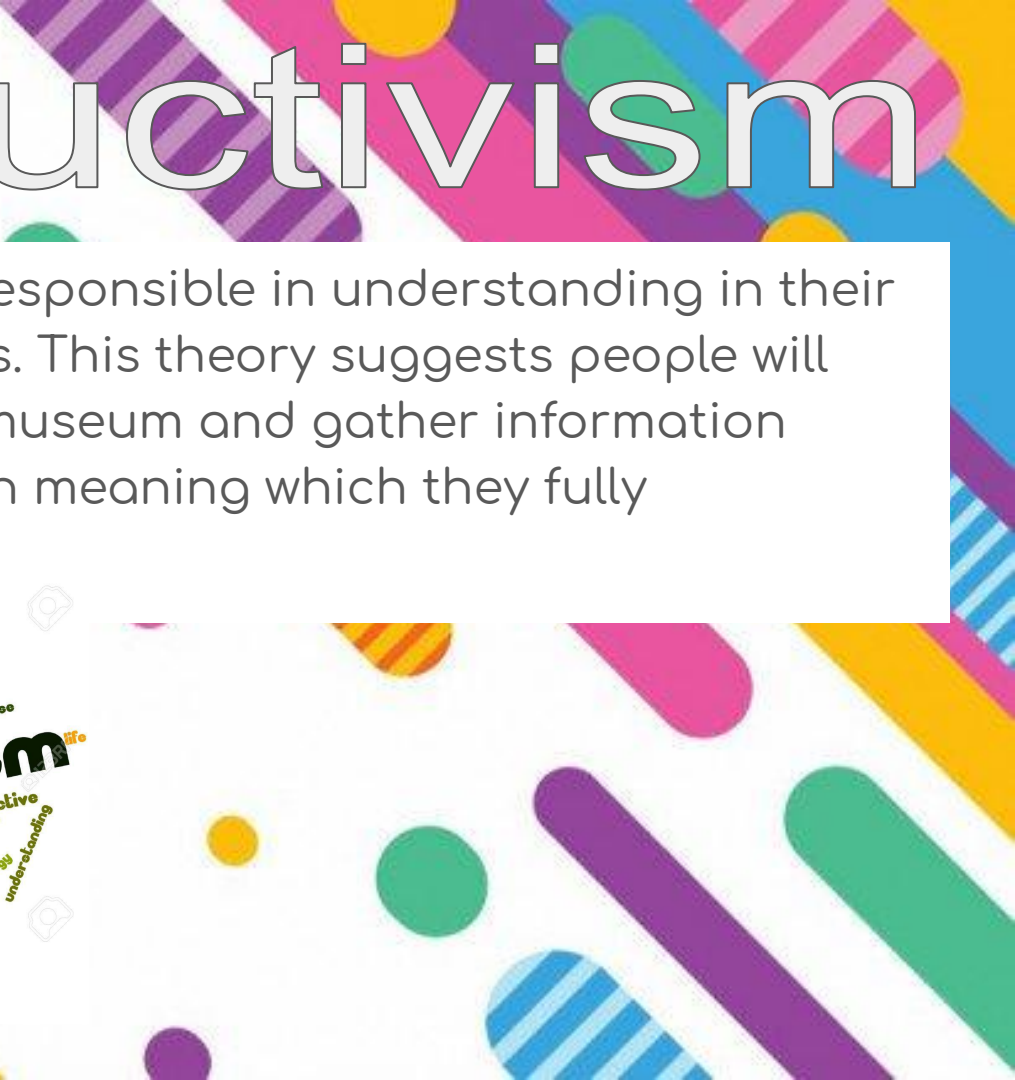


Constructivism

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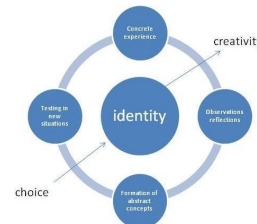


Connectivism

"Connectivism is a relatively new learning theory, developed and based upon the idea that people process information by forming connections. This theory has developed with the digital and technology age, adapting to advances in these arenas. This new theory suggests that people no longer stop learning after formal education and continue to gain knowledge from other avenues such as job skills, networking, experience and access to information with new tools in technology."- EducationDegree.com

This is relevant within this learning area is this museum is very technologically advanced and is changing with the age. It also suggest the way the museum is projecting information is working.

The Connectivist Learning Model



References

www.waterfrontmuseum.co.uk

www.bbc.co.uk//waterfrontmuseum

