



LESSONS FROM THE PAST
LEARNING
FOR THE FUTURE

Area of activity	Junior Certificate
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Titanic Belfast Experience	
	English - opportunity to practise reading skills to cope with factual prose in diverse forms
	English - opportunity to practise listening skills

Gallery 1 - Boomtown Belfast Industrialisation of Northern Ireland ~ Industries of Belfast ~ Workers conditions ~ Shipbuilding~ Emigration and Communication ~ Belfast in 1911 ~ Harland and Wolff ~ The Drawing Office	
<i>Industrialisation of Northern Ireland ~ Industries of Belfast ~ Workers conditions ~ Shipbuilding~</i>	History - Studies of Change - From Factory to Farm History - Skills - locate historical information from visual material History - Studies of Change - Social Change - effects of changes in industry and agriculture on people's lives
<i>Emigration and Communication ~ Belfast in 1911 ~ Harland and Wolff ~ The Drawing Office</i>	
1907 map display with audio tracks looking at varying viewpoints- British Empire, British Isles & Ireland	History - Understanding the Modern World - Political Developments in Ireland in the late 19th century and the 20th Century
Map of Belfast	Geography - Skills - use and interpret a variety of information sources - maps
Interactive map of Belfast City Centre	Geography - Skills - use and interpret a variety of information sources - maps
Conversation dramatisation - a "below stairs" view of the ordering of the Olympic Class Ships	English - opportunity to practise listening skills History - Skills - Locate historical information from orally transmitted information
Views of Belfast in the early years of the 20th century projected onto the walls	Geography - Skills - use and interpret a variety of information sources - photographs
Touch screen - more detailed look at the photos on the walls	

Linenopolis	
The Millie's stories in the Mill House	English - opportunity to practise listening skills History - Skills - Locate historical information from orally transmitted information
Photographic images of linen industry	History - Skills - locate historical information from visual material Geography - Skills - use and interpret a variety of information sources - photographs
Display of stages in journey from flax to linen	

Industrial Belfast	
3 one armed bandits looking at facts and figures	Mathematics - the application of mathematical knowledge and skills
Import/export flip charts	History - Concepts – trade
Touch screen - Belfast's Industrial power network	History - Concepts - trade
Panels covering working conditions, docks & dock workers	English - opportunity to practise reading skills to cope with factual prose in diverse forms
	History - Concepts - trade
	History - Studies of Change - Social Change - effects of changes in industry and agriculture on people's lives

Shipbuilding	
2 models - wooden ship being built & a dry dock	History - Concepts - trade
Artefact - Harland and Wolff declaration of name change (1888)	History - Skills - locate historical information from primary sources
Rolling visual presentation looking at the development of the Victoria Channel 1785-1901	Geography - Skills - use and interpret a variety of information sources – maps
	Geography - Concepts - Change over Time
Artefact - Harland and Wolff deed of partnership	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Touch screen - the first 401 ships built by Harland and Wolff (includes contemporary info)	

Travel and communication	
Emigration ship routes to New York	Geography - Skills - use and interpret a variety of information sources - maps
Marconi interactive - try your hand at Morse code	
Artefact - legal document re the takeover of the White Star Line	English - opportunity to practise reading skills to cope with factual prose in diverse forms
	History - Skills - locate historical information from primary sources

Drawing Office	
Interactive floor	Mathematics - the application of mathematical knowledge and skills
Arrol Gantry model	
Artefact - original drawing and plans	History - Skills - locate historical information from primary sources
Artefact - original notebooks and shipyard salaries	History - Skills - locate historical information from primary sources
Touch screen - ship drawings	Mathematics - the application of mathematical knowledge and skills
Artefact - article in the 1908 "Engineering" journal	English - opportunity to practise reading skills to cope with factual prose in diverse forms
	History - Skills - locate historical information from primary sources

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Gallery 2 - The Arrol Gantry and the Shipyard Ride <i>Harland and Wolff</i> ~ Life as a shipyard worker ~ Ship design ~ Shipbuilding methods	
Arrol Gantry mock up - set dressing	
Arrol Gantry	Mathematics - the application of mathematical knowledge and skills
Shipyard Ride - roles in the shipyard and images of the worker	
5 stages involved in ship building	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Touch screens - more detailed information - blue prints, 3D CGI images, vintage photos, construction methods	Mathematics - the application of mathematical knowledge and skills

Gallery 3 - the Launch <i>Launch day</i>	
Moving images of Olympic's launch	
View to slipways and their interpretation	
Artefacts - Harland and Wolff notebooks	English - opportunity to practise reading skills to cope with factual prose in diverse forms
	History - Skills - locate historical information from primary sources

Gallery 4 - Fit Out <i>Luxury on board ~ life on board for crew and passengers ~ the workings of the ship</i>	
Titanic Model - front shows Titanic on launch day, back shows Titanic when completed	
Quotes	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Statistics regarding size, capacity, etc.	Mathematics - the application of mathematical knowledge and skills
Images of massive scale of engineering involved	History - Skills - locate historical information from visual material
Audio visual presentation of Titanic's early days	English - opportunity to practise listening skills
Artefact - promotional brochure	History - Skills - locate historical information from primary sources
3 cabins - 1st class, 2nd class and 3rd class	History - Skills - locate historical information from visual material
3D CGI tour of the ship from the engine rooms to Cpt Smith's bridge	
Information and statistics panels about life on board	Mathematics - the application of mathematical knowledge and skills
Information panel about navigation	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Touch screen - internal plans of Titanic and how people on board moved around the various areas	
Handling collection - linen, upholstery, carpets, wood, ropes	
China display	
Titanic's timetable and journey	

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Statistics audio visual about cargo and people at each post of call	Mathematics - the application of mathematical knowledge and skills

Gallery 5 - Maiden Voyage <i>photography - life on board</i>	
Father Brown photos	History - Skills - locate historical information from visual material
Designed to feel as though you are on the deck of a ship	

Gallery 6 - the sinking <i>morse code - stories of the survivors - media representation - the aftermath of the tragedy</i>	
Thomas Hardy quote	
Cool blast of air	
Morse Code sound effects	
Morse Code visual effect	
Ripple effect	
Telegram messages on walls	English - opportunity to practise reading skills to cope with factual prose in diverse forms History - Skills - locate historical information from primary and secondary sources
Voices telling their stories	English - opportunity to practise listening skills History - Skills - locate historical information from orally transmitted information
2 animated images of the sinking	
Panels looking at the Carpathia and the survivors of Titanic in New York	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Touch screens - newspaper articles of the day	English - opportunity to practise reading skills to cope with factual prose in diverse forms History - Skills - locate historical information from primary and secondary sources
Panels about retrieving the lost (1) the search, (2) dealing with the dead (3) burials	English - opportunity to practise reading skills to cope with factual prose in diverse forms History - Skills - locate historical information from primary and secondary sources
Touch screen - The Halifax Diaries	History - Skills - locate historical information from primary and secondary sources English - opportunity to practise reading skills to cope with factual prose in diverse forms
Panels covering the stories of some of those who were lost and some of those who were saved	English - opportunity to practise reading skills to cope with factual prose in diverse forms

Gallery 7 - The Inquiries <i>statistical analysis - the inquiries and their recommendations - Belfast and H&W after Titanic</i>	
Touch screens- statistics regarding passengers, survivors and passenger lists	History - Knowledge - how the contemporary world has been shaped by the interaction of people and events in the past Mathematics - statistics Mathematics - the application of mathematical knowledge and skills History - Skills - locate historical information from statistics
Recommendations from the 2 inquiries	History - Concepts - Cause and Consequence

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Lifeboat	
Audio visual dramatization of elements of the 2 inquiries	English - opportunity to practise listening skills
Harland and Wolff panel	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Olympic and Britannic panels	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Panel about Belfast today	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Harland and Wolff crane model and information	

Gallery 8 - Myths and Reality <i>Titanic myths ~ Titanic movies, books etc. and how they tell Titanic's story with their own agenda</i>	History - skills - examine historical information and distinguish between fact and opinion, inconsistencies and bias
	History - Aims - develop positive attitudes such as a commitment to objectivity and fairness
	History - Concepts - opinion and fact
	History - Concepts – propaganda
Touch screens - stories, films, TV and music about Titanic	
Audio Visual screen with excerpts from films	
Panels about the films	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Display cabinet with some of the "myths" on display	
Touch screens - myths and legends true or false quiz	

Gallery 9 - Titanic Beneath <i>Titanic today ~ the debris field ~ marine exploration ~ Professor Ballard ~ the marine biology of Ireland</i>		
	TV reports audio visual	English - opportunity to practise listening skills
	Professor Ballard interview audio visual	English - opportunity to practise listening skills
	wall chart showing depth of wreck site in comparison with well-known landmarks	

Immersive Theatre	
Video of Titanic's wreck with dramatised commentary	Science - Skills - obtaining and using information from a variety of sources
	Science - Attitudes - an appreciation of the role of science in the everyday world
	English - opportunity to practise listening skills

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Glass Floor	
Glass floor with 3D images of the wreck of Titanic moving beneath you	
Touch screens - images of the artefacts found in the debris field	

Ocean Exploration Centre	Science - Skills - obtaining and using information from a variety of sources
	Science - Attitudes - an appreciation of the role of science in the everyday world
	Science - Attitudes - a scientific interest in the local community and environment
	Science - Knowledge and Understanding - scientific principles applied to industry at local, national and international level
	Geography - Aims - promote a sensitive awareness of environment
Remote Operated Vehicle	
Side Scan	
Side scan images	
3D imaging visuals	
Professor Ballard's control room audio visual	
Audio visual of wreck in the Aegean Sea	
Marine Biology of Ireland visual presentation - stills and video	Biology - Animals, Plants and Micro-organisms - OB60, OB63, OB64
JIBS project visual presentation and panel	Geography - knowledge - access to examples of physical environmental phenomena
	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Panel about rusticles	Biology - Animals, Plants and Micro-organisms - OB60, OB63, OB64
	English - opportunity to practise reading skills to cope with factual prose in diverse forms
Panel about invasive species around coast of Ireland.	Biology - Animals, Plants and Micro-organisms - OB60, OB63, OB64
	English - opportunity to practise reading skills to cope with factual prose in diverse forms