



Sea Chest Secret Exhibit Descriptions, Clues and Subjects

Exhibit name and related subject/s	How the exhibit works	Clue gained from using the exhibit
Banners	See portraits of the seven suspects, learn of their duties and see which ship or ships they sailed on. This information is repeated on the back of the clue sheet and assists in solving who wrote the journal.	Who are the suspects? What are their initials? What are their duties? Which ship or ships did they sail on?
Beat It! Environmental Science	Use a small beater to hit four wooden gongs. Compare the sound of the journal writer's gong to other wooden gongs. Work out the mystery gong's wood type, where the wood is found and which ship or ships sailed to this country.	Which ship or ships the writer sailed on. The wood (totara) came from New Zealand. The writer must have sailed to New Zealand, on HMB <i>Endeavour</i> , HMS <i>Resolution I</i> or HMS <i>Resolution II</i> .
Botany Bound Art Environmental Science	Tilt a tray around to navigate a ball through a maze and into a ship. When the ball falls through a hole, a graphic panel lights up showing the name of a botanist in the corner. Work out which ship or ships the botanist sailed on with the writer.	Which ship or ships the writer sailed on. The specimen was drawn by David Nelson, who sailed on HMS <i>Resolution II</i> and HMS <i>Bounty</i>
Bright Idea Art Maritime History	Turn the lantern around and observe the patterned panels. One panel contains the initials of the lantern maker and the journal writer.	The journal writer's initials. The lantern pattern forms the initials SP.
Can You Fathom It? Environmental Science Maritime History	Slide the boat across and count the number of knots in the sounding line as it is moved across the 'riverbed'. Compare the readings to the charts found in the journal.	Whether the writer sailed with Bligh or Cook. William Bligh was an accomplished navigator was particularly good at depth soundings. He sailed on HMS <i>Resolution II</i> and HMS <i>Bounty</i> .
Captain's Code Art Maritime History	Use semaphore to unlock the mystery in the Captain's cabin. The arms and semaphore flags of five sailor figures are positioned to spell C-O-O-K or B-L-I-G-H. When the arms are in the correct positions, the cabin door opens to reveal the Captain inside.	Whether the writer sailed with Bligh or Cook. The ship's Captain was Cook.

Carving Clue Art Maritime History	Rebuild a wooden carving on a tilting base. Compare the carving to illustrations on the graphic panel. Work out where it came from, then note which ship or ships sailed to this country.	Which ship or ships the writer sailed on. The carving came from New Zealand. HMB <i>Endeavour</i> and HMS <i>Resolution</i> I and II sailed to New Zealand.
Choose a Chest Art Maritime History	Four sea chests belong to different crewmembers (artist, naturalist, cabin boy and midshipman). By sliding clothes-shaped panels, visitors reveal the objects underneath. Check which sea chest contains items that match those on the journal writer's shopping list.	The duties of the journal writer. The writer of the shopping list was a cabin boy – so the chest belongs to him.
Delve Deep Environmental Science	Three touch boxes contain three different underwater environments (coral reef, rocky ledge, and sandy bottom). Visitors feel around the environments for a pearl oyster. To gain the clue, the visitor needs to read a letter from the writer's mother to find the writer's initials.	The journal writer's initials. The initials on the letter are SP.
Entrance banner and sea chest	See the journal inside the sea chest and learn of the mystery that you need to solve.	
Exit barrel multimedia	Visitors register their guess of suspect / journal writer and ship into a computer. If the answers are correct, footage of the writer reciting a shanty is shown. If wrong, the visitor is encouraged to check their clues and try again.	The journal writer is Sam Perkins. He sailed on HMS <i>Resolution</i> II.
Fins, Wings & Things	Look at the illustration of the fish in the journal. Move the paddle arms on the key into positions that match features of the fish. Move the ball along the track and allow it to fall through the key. Watch	Who is the writer's friend and therefore did not write the journal? The fish was named after the writer's friend Sally Peel. She could not be the journal writer.
Haul Away! Environmental Science Maritime History	Hoist the signal flags. Decode them to learn the name of the teacher who taught the journal writer how to communicate with flags. Some flag combinations spell different messages eg "I am not in my correct position" "I have sprung a leak".	Whether the writer sailed with Bligh or Cook. The signal flags spell B-L-I-G-H.
Map of ship voyages	A large map showing where each ship sailed during their voyages.	

Out to Dry Art	Visitors see a clothesline with period clothes hanging from it. They need to compare the clothes to those worn by the officer in the illustration on the graphic panel. Nametags on the matching clothes indicate who owns them.	Whether the writer sailed with Bligh or Cook. The clothes belong to Bligh, who sailed on HMS <i>Resolution</i> II and HMS <i>Bounty</i>
Perch a Parrot Maritime History	Visitors use the model sextant by looking through an eyepiece and moving an arm to change the angle of reflection from a mirror. Visitors can make the parrot on the mast appear to sit on the shoulder of the writer's friend.	Who is the writer's friend and therefore did not write the journal? The writer's friend was Sally Peel, so she could not be the journal writer.
Pressing Problem Art Environmental Science	Visitors search through tree foliage to find graphics of different leaves. Visitors then match the pressed leaf sample in the journal with one of the graphic panels hanging in the tree.	Which ship or ships the writer sailed on. The pressed leaf was a native laurel (<i>Anopterus glandulosus</i>) from Tasmania. The writer must have sailed to Tasmania, on HMS <i>Resolution</i> II or HMS <i>Bounty</i> .
Puzzling Portholes Art Maritime History	Scenic paintings are mounted on a wheel. As the wheel is turned, the paintings are revealed (one at a time) through an illuminated porthole viewer. Match one landscape to the painting in the journal. Others are similar in style, but are different locations.	Which ship or ships the writer sailed on. The landscape painting shows Adventure Bay in Tasmania. The writer must have sailed to Tasmania on HMS <i>Resolution</i> II or HMS <i>Bounty</i> .
Raise the Rigging Art Maritime History	View three model ships in a glass case by turning a wheel. Compare the painting of the ship in the journal to the model ship masts and rigging.	Which ship or ships the writer sailed on. The ship could not have been HMB <i>Endeavour</i> .
Restore the Relic Art Maritime History		Which ship or ships the writer sailed on. The bell could not have belonged to HMS <i>Bounty</i> , based on the order of the letters
Roaming Rats Art Environmental Science	Two model rats with holes into their stomachs allow visitors to feel inside the rats' guts and guess at what is inside. Their stomach contents are grain from the hold and bits of ship's biscuit from crew's galley. The visitor needs to work out where the rats were trapped by lifting panels on a graphic cross section of the ship.	The duties of the journal writer. Only lower ranked crew such as cabin boys and low order sailors had the duty of catching rats in the galley and hold.
Scurvy Science Environmental Science Maritime History		Whether the writer sailed with Bligh or Cook. James Cook was famous for convincing his crew to eat sauerkraut to obtain vitamin C and prevent scurvy.
Scuttlebutt's Secret Maritime History	Scuttlebutt is a talking cat. Place food tokens into Scuttlebutt's dish to hear clues about the identity of the journal writer.	Scuttlebutt the cat says " "

Spot the Skipper Art Maritime History	Look through a telescope and move it to see profile portraits of Bligh and Cook. Compare their profiles to the silhouette profile found with the journal.	Whether the writer sailed with Bligh or Cook. The silhouette profile belongs to Cook.
Tattoo Clue Art Maritime History	Visitors push their skin onto metal plates with raised tattoo patterns to leave an impression. They look closely at the imprint in their skin to discover the initials of the writer.	The journal writer's initials. The square shaped tattoo block forms the initials SP
Tests of Time Environmental Science Maritime History		Which ship or ships the writer sailed on. The only ship that did not carry a chronometer was HMB <i>Endeavour</i> .
Tracks Through Time Environmental Science		Which ship or ships the writer sailed on. The tracks are from a Tasmanian Tiger (or Thylacine). Only HMS <i>Resolution</i> II and HMS <i>Bounty</i> sailed to Tasmania.
Tot Spot	A fun boat with dress up clothes for children under 8 years old.	
Who's Hidden? Art		Who is the writer's friend and therefore did not write the journal? The person originally in the painting was the writer's friend Sally Peel. She could not be the journal writer.