

Grade 5 HASS
Australian History

Australian Explorers

Matthew Flinders

Expedition Tools
Vocabulary
Research Activity



Aussie Star
RESOURCES

Tools of Exploration

Use the internet to research each of these items, record their name and describe how and why Matthew Flinders used them on his voyage.



Chronometer



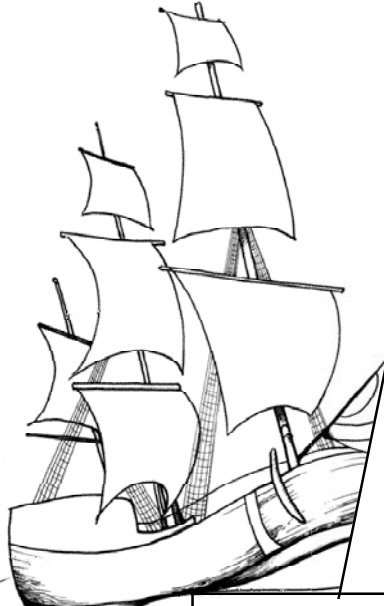
Astrolabe



Telescope



Anchor



Tools of Exploration



Name:

Purpose:



Name:

Purpose:



Name:

Purpose:



Name:

Purpose:



Name:

Purpose:



Name:

Purpose:



Name:

Purpose:



Name:

Purpose:

Tools of Exploration



Name: Chronometer

Purpose: A chronometer is a timepiece used to determine longitude at sea or for any purpose where exact measurement of time is required.



Name: Astrolabe

Purpose: Used for calculating time and the position of the sun and the stars. An astrolabe is used in astronomy and navigation. <https://www.youtube.com/watch?v=4IQmGK3u0>



Name: Cross Staff

Purpose: Used for navigation to observe the sun to determine latitude. <https://www.youtube.com/watch?v=C4hBNGuE1U>



Name: Anchor

Purpose: A heavy hook attached by large chains to the ship that when lowered in to the sea catches on the bottom to stop the ship from drifting.



Name: Compass

Purpose: An instrument that uses a magnetised needle that shows magnetic north and is used to determine directions such as north, south etc.



Name: Telescope

Purpose: An instrument for making objects or places in the distance appear closer.



Name: Nocturnal

Purpose: A sailing and astronomical instrument used to calculate the local time based on the stars.



Name: Octant

Purpose: A measuring instrument to help navigators determine latitude. <https://www.youtube.com/watch?v=iCY9HLMbVg>