

NAVIGATION RESOURCES

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General Navigation Resources

Title/Link	Type	Notes
The Bushwalking Manual – Map and Compass Basics	Online	Covers basic navigation
The Bushwalking Manual – Navigation Techniques	Online	Includes useful off-track techniques
Map Reading Guide. How to use Topographic Maps	Online PDF	Complete guide from Geoscience Australia, 2016
Bushwalking 101 - Map Reading	Online	Detailed, well illustrated guide from National Parks Association, NSW
Bushwalking 101 - Navigation	Online	Detailed navigation when walking on tracks
Map Reading Handbook, SES Tasmania, 1997	Book	Comprehensive, complete guide from TASMAT and SES Tasmania, 1997 Out of print but available in libraries and second hand
How to Navigate (2nd Edition, 2021)	Book	Well illustrated, detailed guide from lotsafreshair

Specific Resources for Map Reading

Title/Link	Type	Notes
How to read a Topo Map	Video (3:47 mins)	Made for the US, a good introduction to topo maps
Royal Marines: How to Map Read (1/13)	Video (3:00 mins)	Introducing topographical maps and scales
Royal Marines: How to Map Read (4/13)	Video (3:27 mins)	Measuring distances on a topographical map
Royal Marines: How to Map Read (5/13)	Video (1:47 mins)	Orienting a map with and without a compass
How to take a 4-figure grid reference	Video (1:52 mins)	Based on UK maps, taking a 4-figure grid reference.
How to take a 6-figure grid reference	Video (2:06 mins)	Based on UK maps, taking a 6-figure grid reference.
How to Read Topographical Maps	Online	From Gaia GPS app, a summary of the main concepts in map reading

Specific Resources for Using a Compass

Title/Link	Type	Notes
Compass 101 - How to use a baseplate compass	Video (3:02 mins)	Very clear, basic compass information
How to take a compass bearing	Video (2:24 mins)	Clear step by step instructions on obtaining a bearing from a map
How to use a Compass	Video (7:15 mins)	Detail on using a plate compass with Grid/magnetic angle adjustment

Specific Resources for Navigation Techniques

Title/Link	Type	Notes
How to use a Compass and Map	Video (5:22 mins)	From Silva; a general overview of navigation
Understanding pacing as a key navigational aid	Video (3:13 mins)	How to use paces for measuring short distances
Using timing to improve your navigation	Video (5:06 mins)	Using time to measure distances
Setting your map to the ground	Video (1:17 mins)	Orienting the map using features around you
Setting the map using the compass	Video (1:02 mins)	Orienting the map using a compass at a track junction.
Taking the bearing of a line feature to confirm location	Video (2:29 mins)	Using the bearing of a line feature to confirm location
Using slope aspect to pinpoint your location	Video (3:41 mins)	Taking a bearing on a slope to find position
Using tick off features to improve your navigation	Video (3:18 mins)	Ticking off features and slopes as you navigate
Taking a bearing from the map to reach your target	Video (4:23 mins)	Taking a bearing and aiming off to find a feature
Combining navigational skills to complete an entire leg	Video (3:57mins)	Combining aiming off, attack points and pacing to find a precise point