

Title	Demonstrate canoeing skills on Grade II whitewater		
Level	3	Credits	8

Purpose	People credited with this unit standard are able to: prepare for and plan a river canoe trip on Grade II whitewater; demonstrate river reading and river rescue skills for Grade II whitewater; paddle effectively, in a canoe, on a river with a variety of Grade II whitewater rapids; and demonstrate an understanding for the care for self, others and the environment.
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Classification	Outdoor Recreation > Canoeing - Kayaking
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Available grade	Achieved
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Prerequisites	Unit 20819, <i>Demonstrate canoeing skills on Grade I whitewater</i> , or demonstrate equivalent knowledge and skills.
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Guidance Information

- Definitions

Decked canoe is a Canadian-style canoe with deck and cockpits built in.

Cumecs is a measure of how much water flows past a point in one second.

Grade II whitewater contains straightforward rapids with wide, clear channels which are evident without scouting. Occasional manoeuvring may be required, but rocks and medium sized waves are easily missed by trained paddlers. Swimmers are seldom injured and group assistance, while helpful, is seldom needed.

Open canoe is a canoe after the style of the North American birch-bark canoe, also known as a Canadian Canoe. It has no deck.

T rescue is a rescue whereby a capsized canoe is emptied and righted using support from another upright canoe.
- Assessment against this unit standard must be in either an open or decked canoe.
- All activities must comply with any relevant environmental, legislative and/or regulatory requirements set out in the *New Zealand Environmental Care Code*, *New Zealand Water Care Code*, Health and Safety in Employment Act 1992, Injury Prevention, Rehabilitation, and Compensation Act 2001, and their subsequent amendments. The *New Zealand Environmental Care Code* and *New Zealand Water Care Code* are available from the Department of Conservation, Head Office, PO Box 10420, Wellington, <http://www.doc.govt.nz/>.
- There are minimum assessor requirements for assessment against this unit standard. The details of these requirements are available on the Skills Active website <http://www.skillsactive.org.nz/>.

Outcomes and performance criteria

Outcome 1

Prepare for a canoeing river trip on Grade II whitewater.

Performance criteria

1.1 Personal clothing and equipment are identified.

Range must include but is not limited to – buoyancy vest, helmet, footwear, clothing, knife, whistle, throw bag, spare paddle, sling, karabiners.

1.2 Knowledge of safety equipment is demonstrated.

Range must include but is not limited to – knife, throw bag, slings, Karabiners, river saw, flotation device, bailers, emergency shelter, whistle.

1.3 Personal and group safety equipment is selected and justified.

Range must include but is not limited to – knife, throw bag, slings, karabiners, river saw, flotation device, bailers, emergency shelter, whistle, first aid kit, thermos, spare clothes, spare paddle, food, drink.

1.4 River safety signals are used correctly and appropriately.

Range must include but is not limited to – hand and paddle signals.

Outcome 2

Plan a Grade II river canoeing trip.

Performance criteria

2.1 Sources of information about the river trip are sought out and used.

Range may include but is not limited to – river guide books, trip reports, topographical maps, aerial photos, weather forecasts, river flow information, other paddlers and recreation users.

2.2 A river trip is planned.

Range must include but is not limited to – access, transport, leadership, group members, egress, escape options, duration and time management.

Outcome 3

Demonstrate river reading skills for Grade II whitewater.

Performance criteria

3.1 Grades I to VI of whitewater are described.

3.2 The river features are identified, and a line is identified through the rapids which avoids problems and hazards.

Range may include but is not limited to – holes, eddies, channel, tongues, rocks, waves, walls, corners.

3.3 River hazards, and their effects on the canoe and swimmers, are explained.

Range must include but is not limited to – strainers, rocks, man-made objects, holes, undercuts, weirs.

Outcome 4

Paddle effectively, in a canoe, on a river with a variety of Grade II whitewater rapids.

Performance criteria

4.1 Ferry glides are completed.

Range must include but is not limited to – forward, eddy to eddy, reverse across current.

4.2 Breaking in and out of the current is demonstrated without capsizing.

4.3 Paddling strokes are applied efficiently from front, back, and both sides of the canoe.

Range must include but is not limited to – stern pry and draw, sweep strokes from front and rear, forward and reverse strokes, cross bow draw, bow draw, support strokes, stopping strokes.

4.4 The canoe is manoeuvred to negotiate obstacles.

Range must include but is not limited to – catching eddies, ferry gliding, negotiating rocks and bluffs.

4.5 The canoe is managed in relation to one or more canoes.

Range must include but is not limited to – spotting, river signals, spacing.

4.6 The ability to portage a rapid is demonstrated.

Outcome 5

Demonstrate river rescue skills for a canoeing trip on Grade II whitewater.

Performance criteria

- 5.1 A co-operative swimmer is assisted to the bank using a throw bag.
Range bagged and coiled.
- 5.2 Canoe-based rescues of person and equipment are demonstrated.
Range may include but is not limited to – paddle, T rescue.
- 5.3 Current speed, force of water, and cumecs are explained and their effects on a trapped canoe are described.
- 5.4 Safety features in a canoe are identified.
Range buoyancy, end loops, thwart braces, air bags.
- 5.5 A canoe is retrieved from an entrapment, which is accessible from the bank, large rock, or shallow water, without mechanical advantage.
Range vector pull, 10 boy scouts.
- 5.6 River crossing techniques are demonstrated.
Range mutual, solo.
- 5.7 Swimming on to and over a strainer in a controlled environment is demonstrated.
- 5.8 Towing a canoe across the current using a towline is demonstrated.

Outcome 6

Demonstrate an understanding for the care for self, others, and the environment.

Performance criteria

- 6.1 Potential health problems associated with Grade II whitewater are identified.
Range hypothermia, cold water immersion, cramps, sunburn, blisters, dislocations, head injuries.
- 6.2 Methods for avoiding potential health problems are described.
Range hypothermia, cold water immersion, cramps, sunburn, blisters, dislocations, head injuries.

- 6.3 The New Zealand Environmental Care Code and the New Zealand Water Care Code are applied.
- 6.4 Communications systems are identified and understood on and off the water.
Range hand, paddle and whistle signals, voice.
- 6.5 Management strategies and care for self, others and environment are demonstrated.

Replacement information	This unit standard was replaced by unit standard 31783. This unit standard replaced unit standard 483.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 October 2004	31 December 2022
Revision	2	26 January 2007	31 December 2022
Review	3	25 July 2019	31 December 2022

Consent and Moderation Requirements (CMR) reference	0102
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.