

# Contents

<i>Worksheet 1 At the boat ramp</i> .....	4
<i>Worksheet 2 Boat parts and hull compliance</i> .....	5
<i>Worksheet 3 Engines and fuel</i> .....	6
<i>Worksheet 4 Berthing and steering</i> .....	7
<i>Worksheet 5 Pre-trip checklist</i> .....	8
<i>Worksheet 6 Routine maintenance</i> .....	9
<i>Worksheet 7 Check stability, stowage and fueling</i> .....	10
<i>Worksheet 8 Safety briefing, launch and retrieve a boat</i> .....	11
<i>Worksheet 9 Boating safety</i> .....	12
<i>Worksheet 10 Safety equipment</i> .....	13
<i>Worksheet 11 The boating rules</i> .....	14
<i>Worksheet 12 Navigation marks and signals</i> .....	15
<i>Worksheet 13 Lights, flags and rules</i> .....	16
<i>Worksheet 14 Passage planning</i> .....	17
<i>Worksheet 15 Weather and passage planning</i> .....	18
<i>Worksheet 16 Calculate a compass course</i> .....	19
<i>Worksheet 17 Tides and passage plans</i> .....	20
<i>Worksheet 18 Tides in secondary locations</i> .....	21
<i>Worksheet 19 The skipper's boating safety obligation</i> .....	22
<i>Worksheet 20 Complying with your state regulations</i> .....	23
<i>Worksheet 21 Your boat's compliance</i> .....	24
<i>Worksheet 22 Anchoring</i> .....	25
<i>Worksheet 23 Fire fighting</i> .....	26
<i>Worksheet 24 Deal with engine failure</i> .....	27
<i>Worksheet 25 Use a radio</i> .....	28
<i>Worksheet 26 Activate signalling devices</i> .....	29
<i>Worksheet 27 Capsized, flooded or grounded boat</i> .....	30
<i>Worksheet 28 Emergency planning</i> .....	31
<i>Worksheet 29 First aid and rescue</i> .....	33
<i>Worksheet 30 Handle adverse conditions</i> .....	33
<i>School training record</i> .....	35

# WORKSHEET 1 AT THE BOAT RAMP

## Launching

Q1. Explain the following terms:

Hazard

Risk

Safety precautions (*Control measures*)



Q2. Identify any three hazards that could be found on the boat ramp in the photograph above.

Q3. Describe any five safety control measures you could use to reduce risks while using the boat ramp shown above.

Q4. Justify four winch safety tips.

Q5. Explain how to protect an outboard motor while towing on a trailer behind a car.

Q6. Identify the following safety features on the trailer using the list of terms below.

*Roller, manual winch, winch strap, safety chain, coupling, brake handle, jockey wheel, safety chain to towing vehicle.*

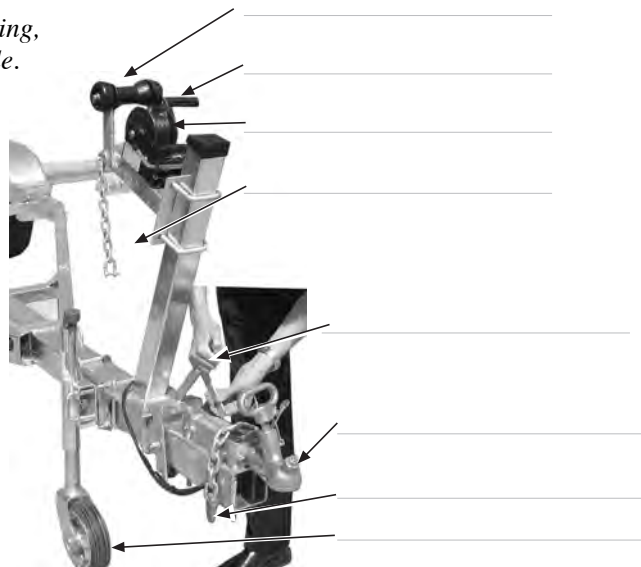
Q7. Suggest a care and maintenance procedure for the following parts of a trailer.

*Winch*

*Lights*

*Bearings*

*Jockey wheel*



# WORKSHEET 2 BOAT PARTS AND HULL COMPLIANCE



Q1. Label the following parts of a boat on the diagram opposite.  
*Bow, stern, port side, all-round light, stem, transom, deck, gunwale, cockpit. Mark in the port side and the starboard side to show you know the difference.*

Q2. Explain the terms freeboard and gunnel.

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Q3. Explain why the motor power and weight on a vessel should never exceed the manufacturer's design.

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Q4. Account for the need for sufficient freeboard on a vessel.

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Q5. Explain how engine power contributes to the difference between planing and displacement hulls.

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Q6. Compare the terms basic and level flotation as they apply to boat safety.

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Q7. Identify which of the boats on page 7 you would take over a bar in a 1 metre sea.

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Q8. Interpret the builder's plate shown in the figure opposite in terms of a fishing party that had an esky of ice and drinks for a group who wanted to go fishing for the day in sheltered waters.

a. Identify the max hp motor that can be attached to the transom.

b. Determine the number of adults and children the boat can carry.

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Q9. Account for changes in loading for a boat with a capacity label as shown opposite.

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SAMPLE PAGE