

BLUE PETER SLEDGE



Materials:

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| 2 pieces 1050 mm x 150 mm x 25 mm -
3'6" x 6" x 1" | Softwood planed all round
for the runners |
| 2 pieces 600 mm x 50 mm x 25 mm -
2'0" x 2" x 1" | Softwood planed all round
for bracing the runners |
| 1 piece 450 mm x 50 mm x 25 mm -
1'6" x 2" x 1" | Softwood planed all round
for the foot-rest |
| 4 pieces 450 mm x 100 mm x 25 mm -
1'6" x 4" x 1" | Softwood planed all round
for the seat |
| 30 countersunk woodscrews
1½" x No. 8 | |
| 10 countersunk woodscrews
1" x No. 8 | |
| 2 lengths ½ x ¾ aluminium strip
1125 mm long | |

Waterproof white wood working glue.

Method:

- (1) Clamp the two pieces of 3'6" x 6" wood together and mark off the curve for the front of the runners. Cut out roughly with a saw and finish the curve with a plane or rasp.
- (2) Take the two lengths of 2'0" x 2" x 1" and screw and glue them to the inside of the runners, flush with the top and level with the end.
- (3) Fit the foot-rest; glue and screw it into position.
- (4) Drill and countersink the sections of 1'6" x 4" x 1". Screw and glue them into position along the top of the runners, starting from the back of the sledge.
- (5) Drill and countersink the aluminium strip and fit to the bottom of the runners, making sure that the screws are flush with the runner, otherwise they slow the sledge down.

Finally, fit a piece of rope to the foot-rest, and your sledge is ready for use. If you have time, it's well worthwhile giving it a coat of paint. This will stop the wood absorbing too much water, and warping, and will keep your sledge in good condition for many years of sledging!

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