

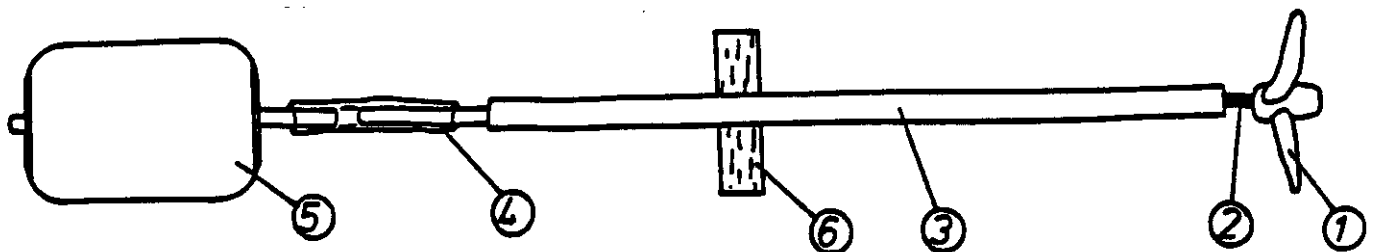
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Propulsion for Motorboats

The propeller (part 1) is glued to the axle (part 2). After drying, the axle is pushed into the stem pipe (part 3), this unit can be pushed into the boat through an opening in the body. Seal the hole with a water-repellent glue. Connect the axle with the motor (part 5) through the coupling (part 4). The connection with the coupling hoses evens out the different angle between the motor and stem pipe. Glue the stem pipe onto a piece of wood (part 6) and then onto the bottom of the body. When in use, add a few drops of sewing-machine oil now and then for lubrication and to prevent water from entering. To make the boat go backwards change the poles. It is advisable to assemble an automatic switch for turning the motor on and off.

Contents

Part 1 propeller
Part 2 axle, welding rod 200 x 2mm
Part 3 stem pipe, brass 3/0,3mm, 100mm long
Part 4 coupling hose, silicone 20mm
Part 5 motor with mount
Part 6 piece of wood (left-over from boat)
2 eyelet screws 4 x 16 for motor mount



Please Note

The OPITEC range of projects are not primarily intended as toys for young children. They are for teaching Designing and Making to ensure that pupils experience a range of tools and processes.