

CAR WITH PROPELLER DRIVE

This project focuses on the production of a simple propeller-driven model car. During the assignment, students will work with a variety of tools to accurately cut out parts and build a working model.

Task: The students' task is to accurately cut out and assemble all parts of the car, ensure correct electrical wiring and test the functionality of the model. If necessary, they can refine or decorate the car according to their own design.

Time to complete: approximately 90-120 minutes.

MATERIAL:

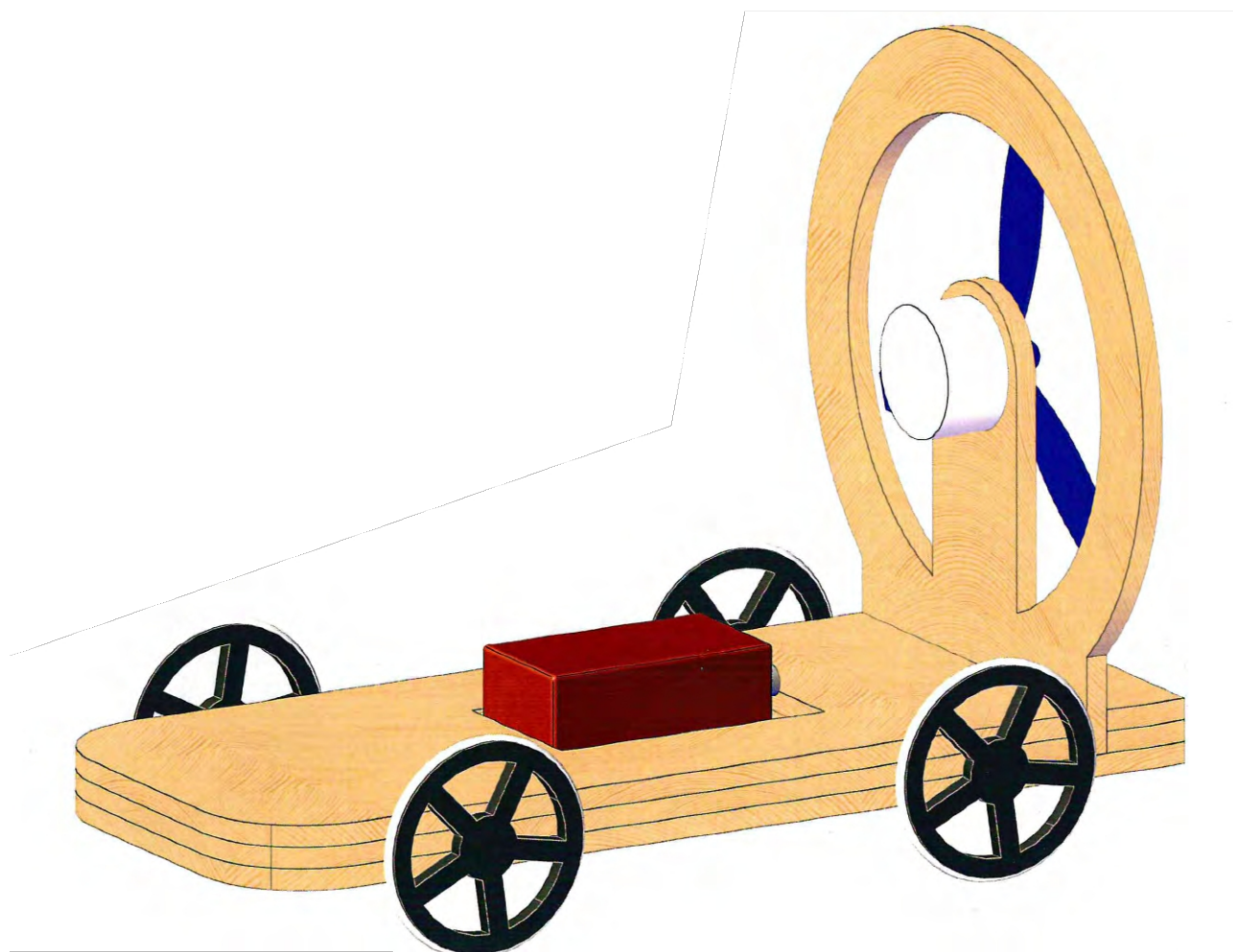
1. Plywood or other lightweight wooden material
2. Propeller (available from ready-made kit or own production)
3. Small engine (for propeller drive)
4. Battery and wires (to power the motor)

MATERIAL:

5. Wheels (can be manufactured or purchased)
6. Shafts for wheels
7. Glue

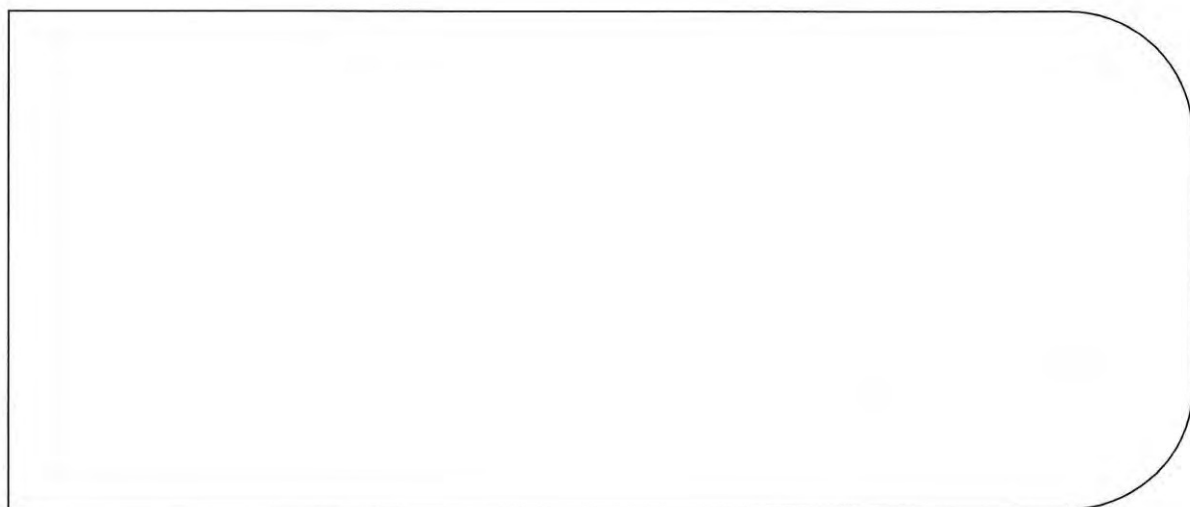
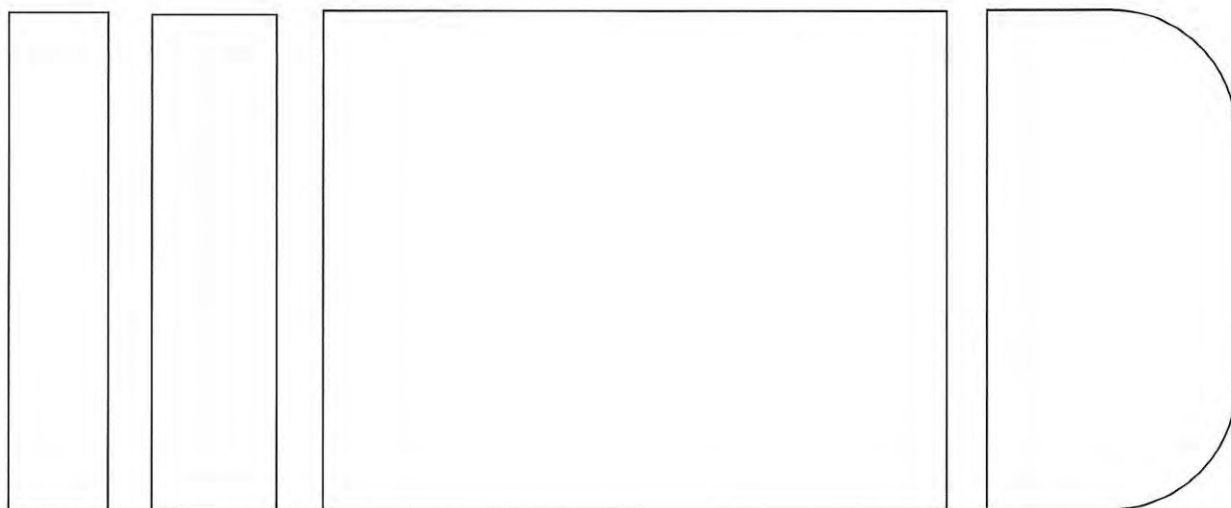
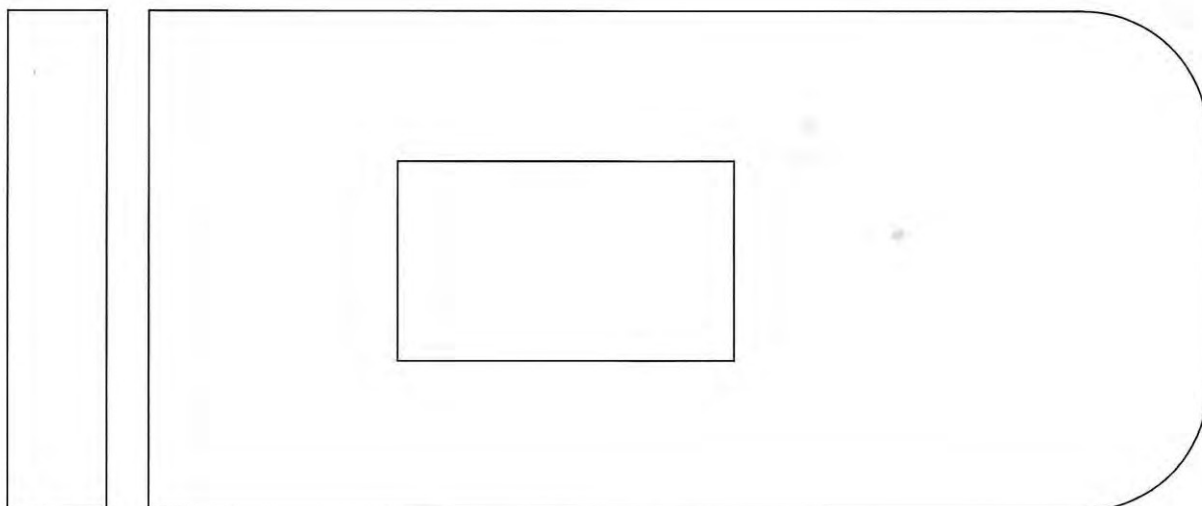
HELPS:

1. Safe chip saw
2. Hand grinder
3. Hand drill



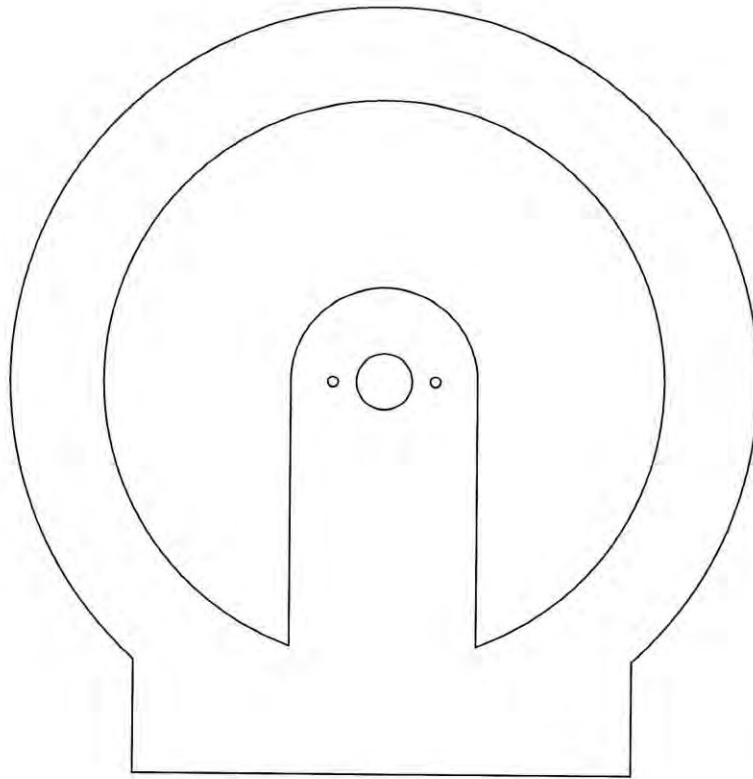
PRODUCTION PROCEDURE:

1. Preparation of the car body: Draw the outline of the car on the plywood and cut it out with a chip saw. The body can be simple, but it must have enough surface area to mount the engine and propeller.

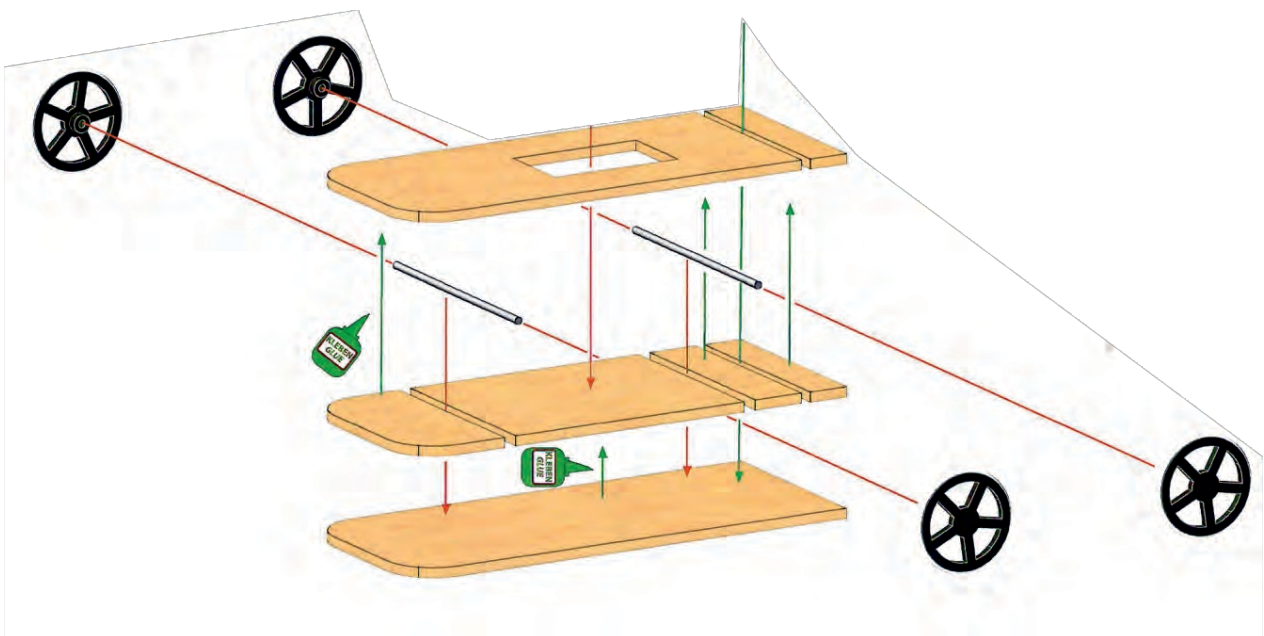


PRODUCTION PROCEDURE:

1. Preparation of the car body: Draw the outline of the car on the plywood and cut it out with a chip saw. The body can be simple, but it must have enough surface area to mount the engine and propeller.



2. Installing the wheels: attach the wheels to the shafts, which you place in the lower part of the body. Make sure that the wheels can turn freely.



PRODUCTION PROCEDURE:

5. Testing the model: check that the car is working properly. After switching on, the propeller should spin and the car should start moving forward.

