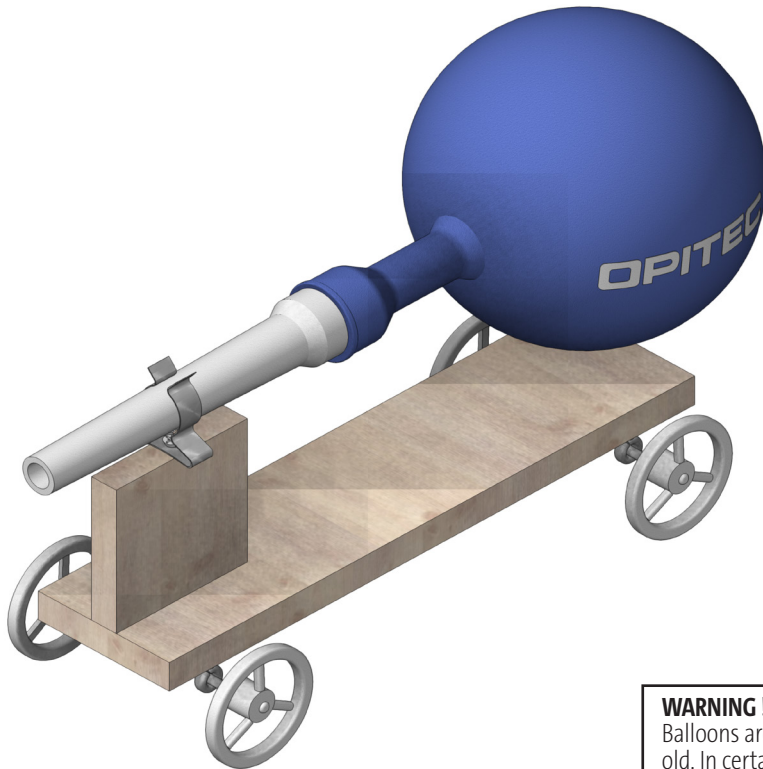


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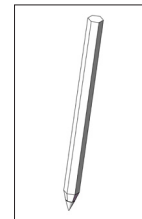
# Rocket Vehicle with Reverse Propulsion



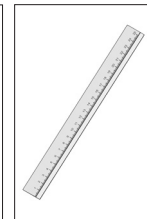
**Please Note:**

The OPITEC handcraft packs are not toys in a typical off-the-shelf sense, but rather additional teaching and learning material for educational purposes. This craft pack may only be constructed by children and adolescents under the guidance and supervision of experienced adults. Not suitable for children under 36 months. Choking hazard!

**Required Tools:**



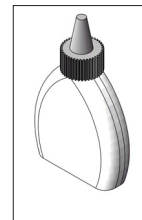
Pencil



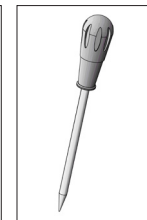
Ruler



Phillips  
Screwdriver



Wood Glue



Pricking Awl

**WARNING !**

Balloons are NOT suitable for inflation by children under eight years old. In certain conditions they can be swallowed. Children under eight years old can suffocate from not properly inflated or burst balloon pieces. Therefore children should be kept under adult supervision at all times when inflating them. Store all non inflated balloons out of the reach of young children.

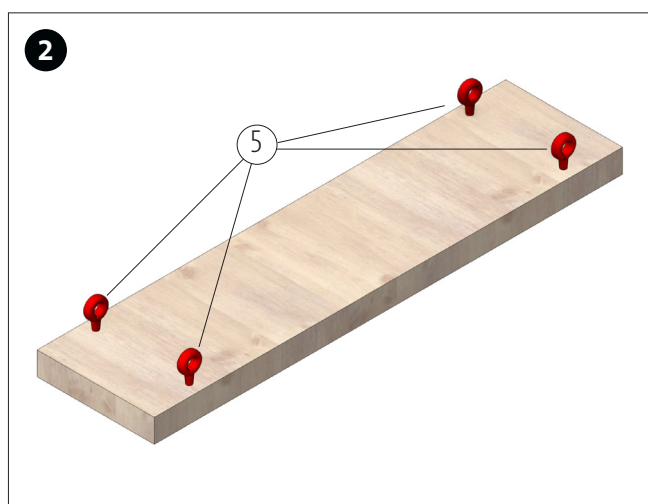
Remove all burst balloon pieces at once and dispose of them safely. Keep balloons away from the eyes and always use a pump to inflate them! It should be noted that balloons are made with a natural rubber that can in some cases cause allergies. Store the balloons in a cool place away from sunlight. Keep these instructions and the balloons together in the original packing until its time to use them.

Components List	Quantity	Size (mm)	Description	Part No.
Wooden Strip	1	200x50x10	Base Plate	1
Wooden Strip	1	50x50x10	Blowpipe Structure	2
Steel Spring Clamp	1	14-17	Blowpipe Support	3
Screw	1	ø3x16	Fixing Steel Spring Clamp	4
Ring Screw	4	12	Axle Support	5
Metal Axle	2	ø3x70	Axle	6
Steering Wheel	4	ø37	Wheels	7
Blowpipe	1		Blowpipe	8
Balloon	1		Propulsion	9

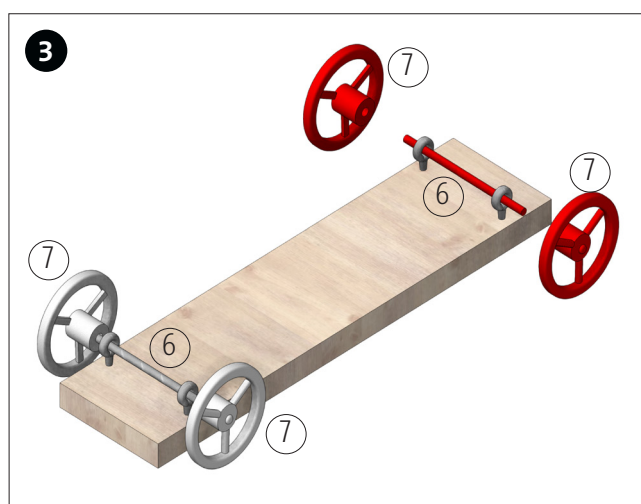
**Instructions 104966**  
**Rocket vehicle with reverse propulsion**



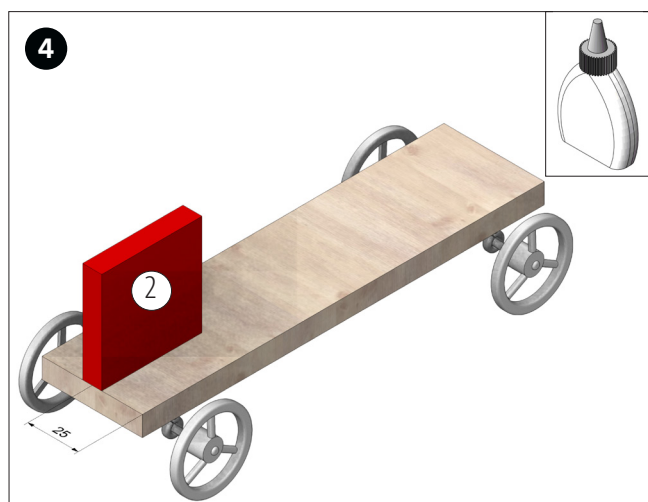
On the base plate (1), mark the position for the axle supports (ring screws 5) according to the dimensions. Then precut with the pricking awl.



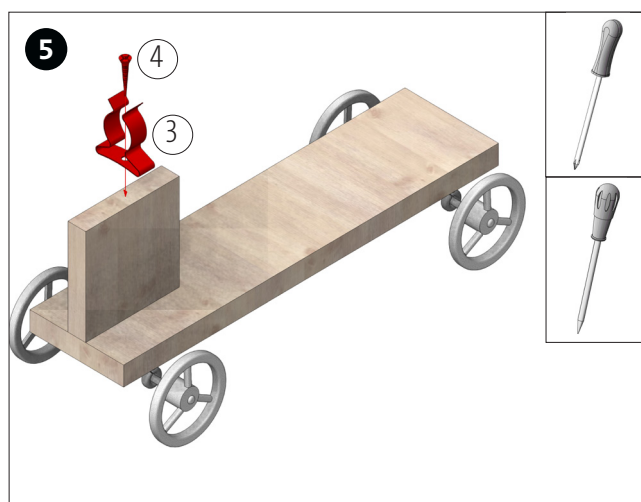
Screw in the ring screws (5) at the marked positions as shown.



Insert the axles through the ring screws, as shown, and fix a steering wheel (7) from both sides.

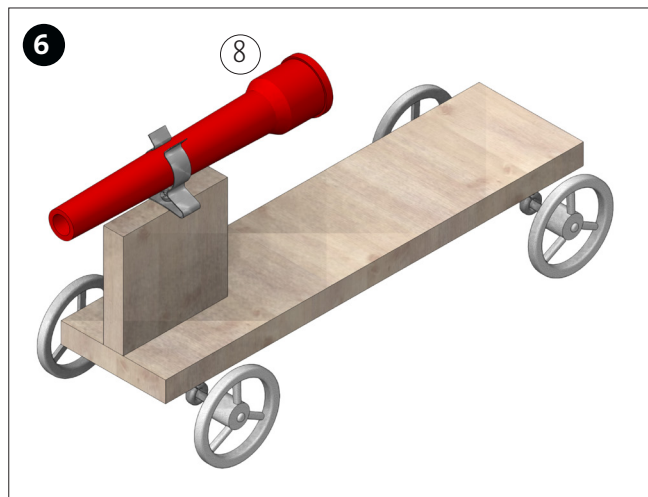


Center the wooden strip (2) and glue it onto the base plate (1) flush with the edge.

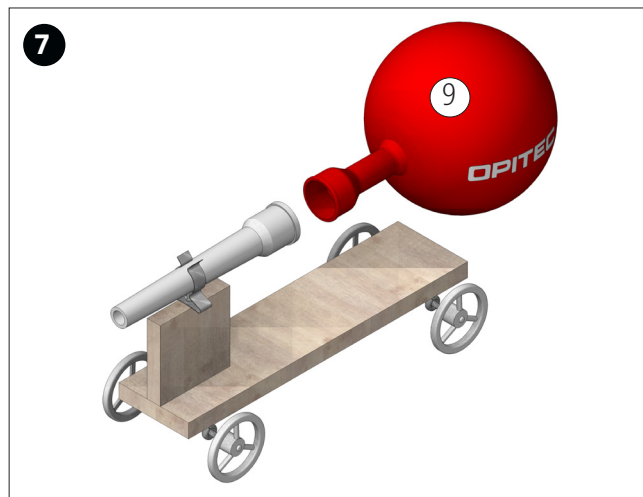


Fasten the steel spring clamp (3) in the middle of the wooden structure (2) using the screw (4). See picture! Precut the screw hole.

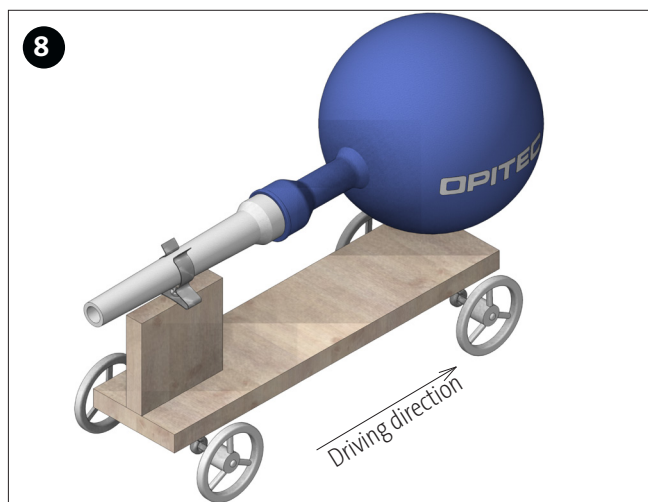
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Insert the blowpipe (8) centered into the steel spring clamp (3), as shown above.



Place the balloon (9) on the end of the blowpipe so that it is stuck.



Done!

**Functioning:**

Blow up the balloon through the blowpipe. Place the vehicle on the ground and let it go.

The vehicle is propelled by the outflowing air recoil.