

>>> KIT CONTENTS

GOOD TO KNOW!

>>> If you are missing any parts, please contact
Thames & Kosmos



Checklist: Find - Inspect - Check off

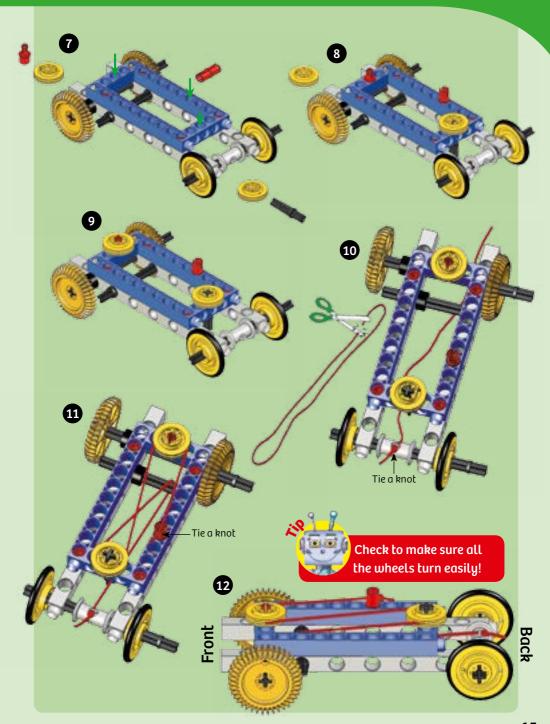
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/	No.	Description	Qty.	Item No.
Ō	20	Long rod	2	703 235
Ō	21	5-hole rod	2	704 063
Ō	22	3-hole rod	2	705 015
Э	23	Medium gear	2	702 505
Э	24	Medium pulley	2	707 010
Э	25	Small pulley	2	707 011
Э	26	O-ring for medium pulley	2	703 251
Э	27	Long axle	2	703 234
Э	28	Medium axle	1	703 238
Ō	29	Short axle	1	703 236
Ó	30	Crane hook	1	706 533
Ó	31	String spool	1	706 854
Ó	32	Connection bridge	1	703 231
Ó	33	Anchor pin	14	702 527
Э	34	Shaft plug	1	702 525
Ö	35	Joint pin	1	702 524
Э	36	Button pin	4	704 062
Э	37	Axle lock	2	702 813

Any materials not included in the kit are marked with this symbol + under the "You will need" heading.

You will also need:

Paper, pen, tape, glue, scissors, knife, coin, glass, plastic cups, mixing bowl, two small empty, yogurt cups, 2 cooking spoons, thin rope, paper towels, water, sink, bathtub, long wooden board for ramp, books, toys like building blocks, marbles, toy figure





The invention of the wheel was a revolutionary development in human history. Wheels allow heavy loads to be transported with ease from one location to another. Before wheels existed, people did things like laying logs on the ground, placing the load on them, and pulling it forward with ropes. The logs had to be continually moved from the back to the front in order to pull the load a few more meters. A laborious task, for sure!

AIR RESISTANCE

The size and shape of a vehicle's body determine its air resistance. A tall truck with lots of corners and edges has more resistance. Racing cars, on the other hand, are low to the ground and expose only a small surface area to the wind, so the air glides easily around their streamlined shapes. That is one reason they can go so fast.



Not a Streamlined Shape



Streamlined Shape