

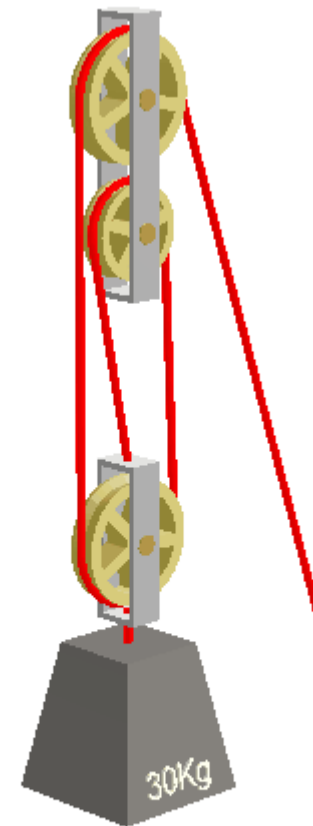
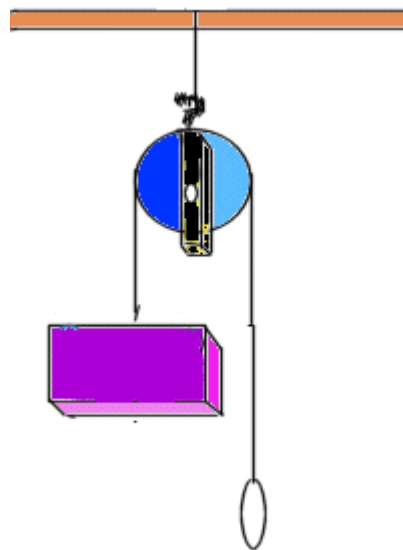


Απλές Μηχανές





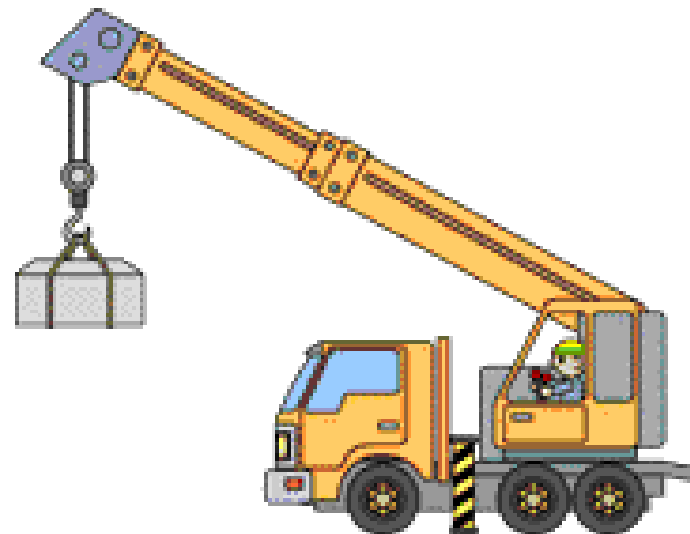
Σήμερα θα
θυμηθούμε ξανά
τις τροχαλίες





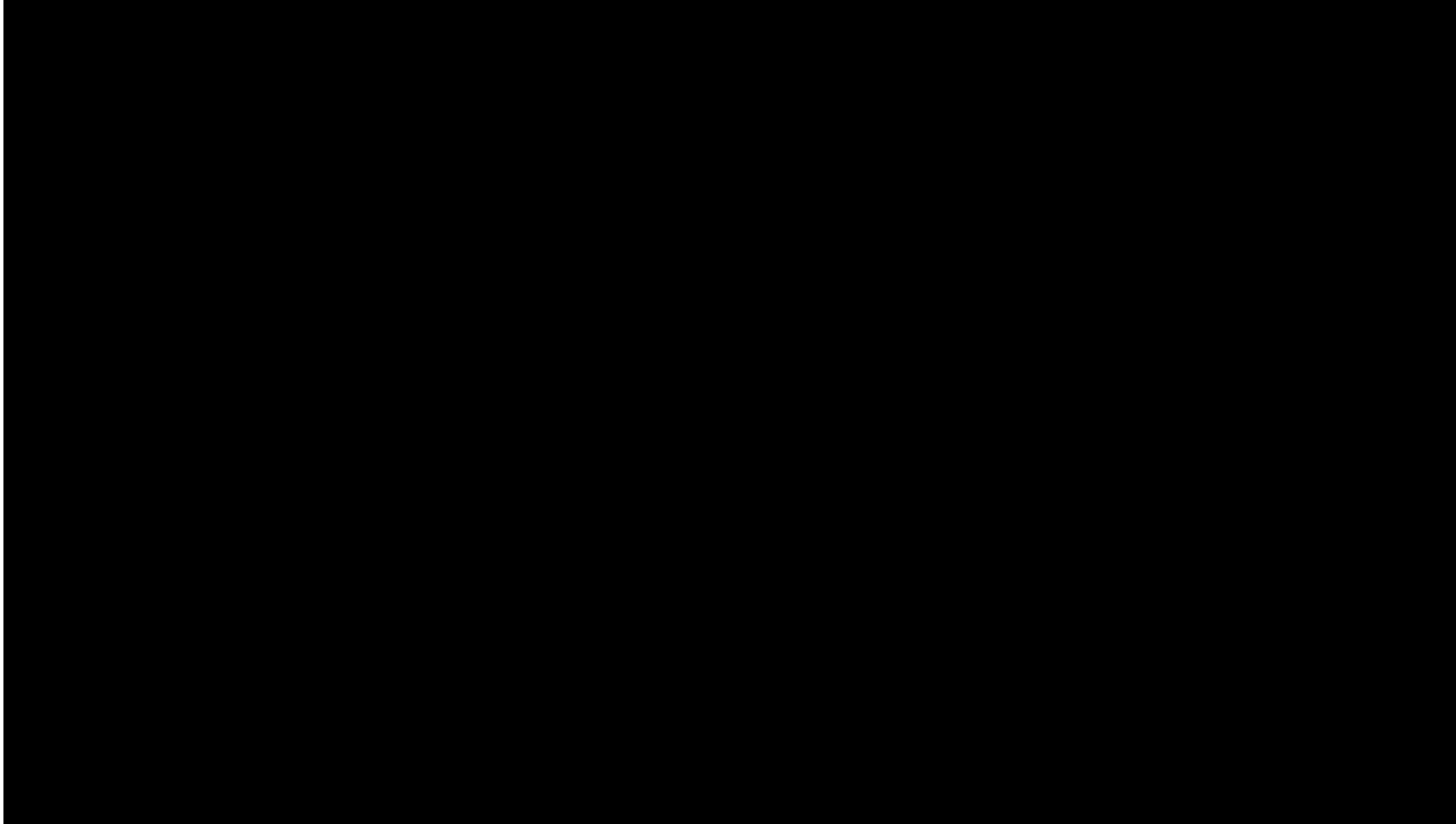
Και θα φτιάξουμε
ένα γερανό!





Περιγράψτε πώς λειτουργεί ο γερανός,
καθώς και διαφορετικά είδη γερανών
που ξέρετε



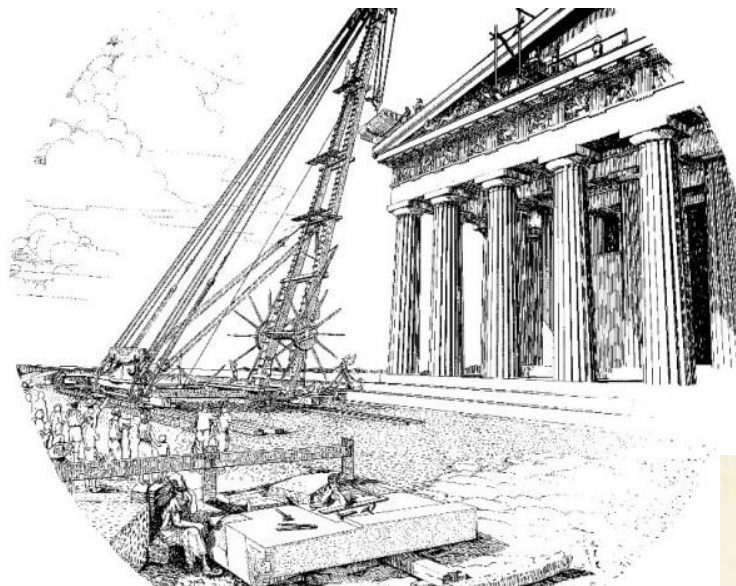




Οι γερανοί χρονολογούνται
από τα αρχαία χρόνια

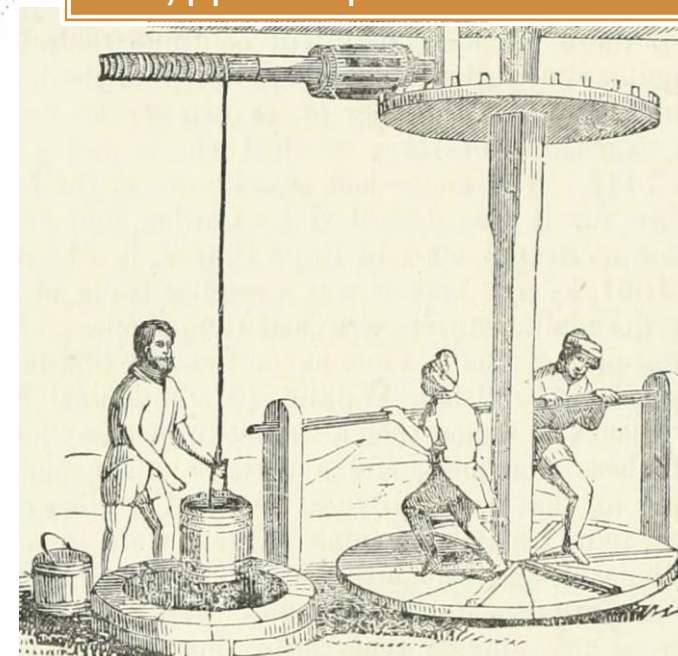


Ξεκινώντας από την
Αρχαία Αίγυπτο

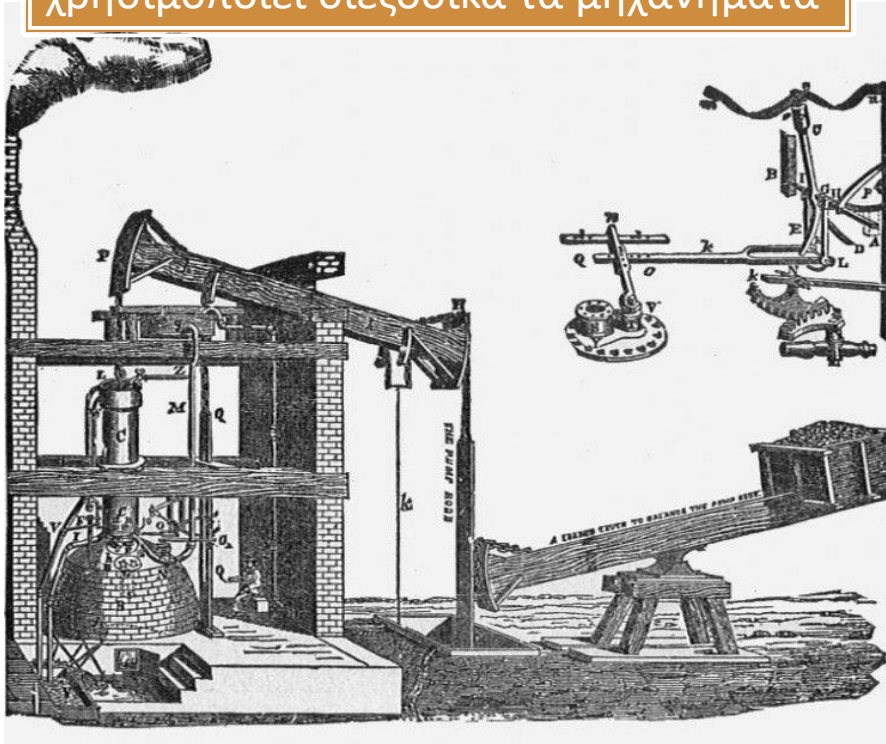


Συνεχίζονται στην Αρχαία
Ελλάδα και τη Ρώμη

Τους βρίσκουμε και στο Μεσαίωνα



Και τότε που ο άνθρωπος άρχισε να χρησιμοποιεί διεξοδικά τα μηχανήματα

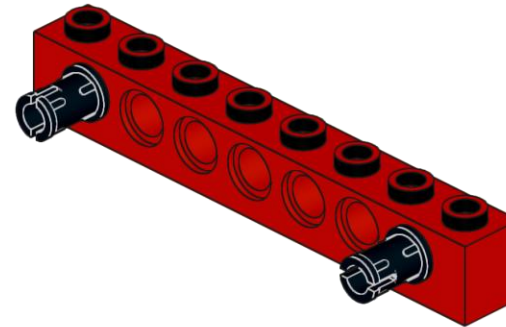
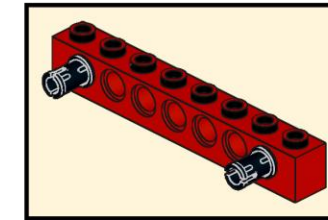
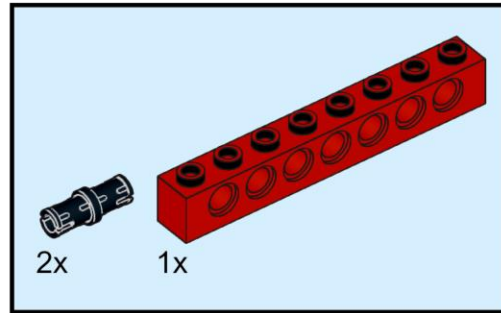


Ενώ σήμερα βρίσκονται παντού...

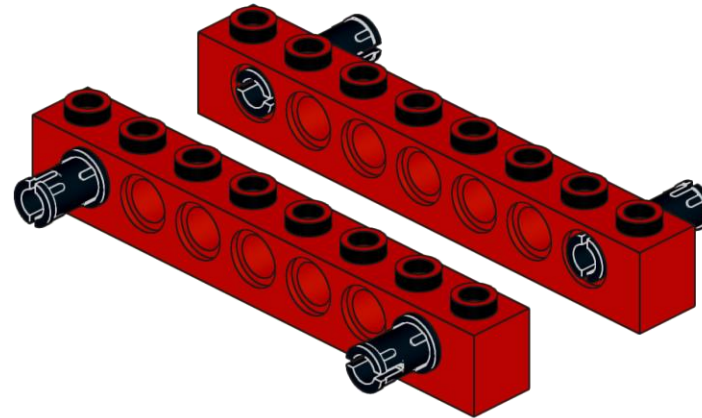
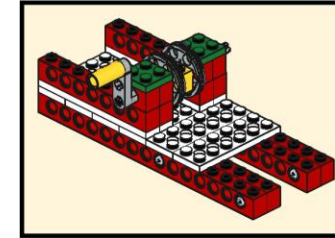


Είναι από τα σημαντικότερα εργαλεία του ανθρώπινου πολιτισμού

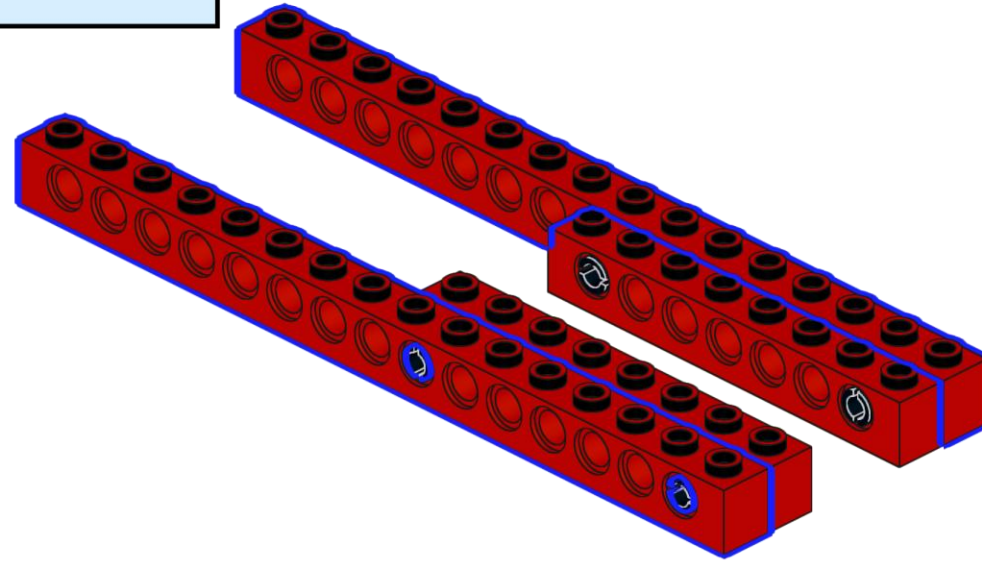
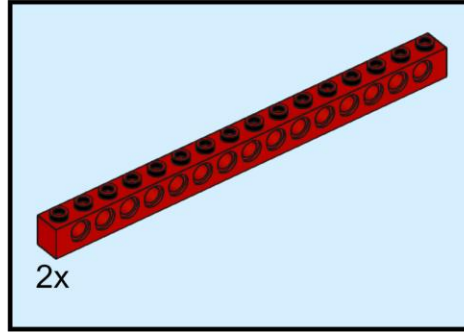
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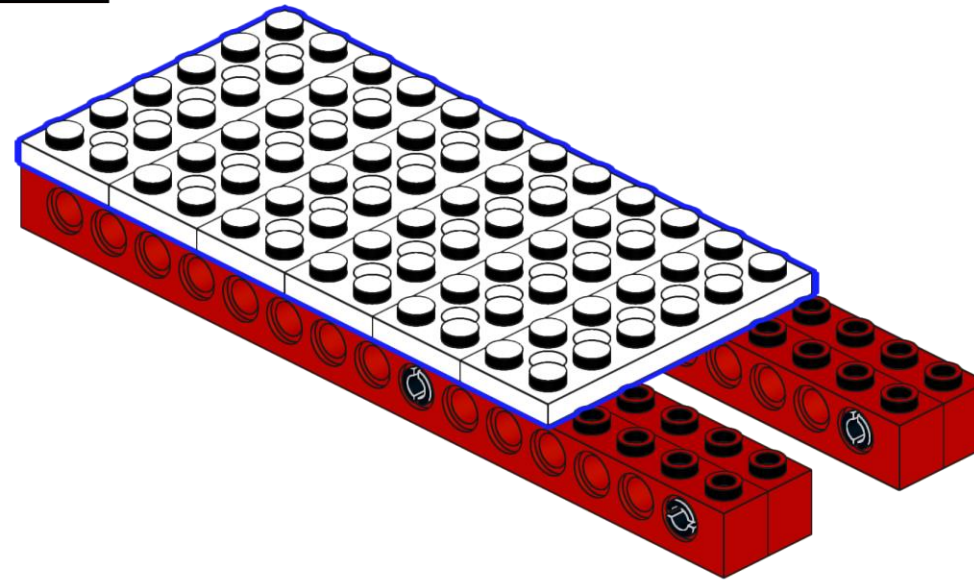


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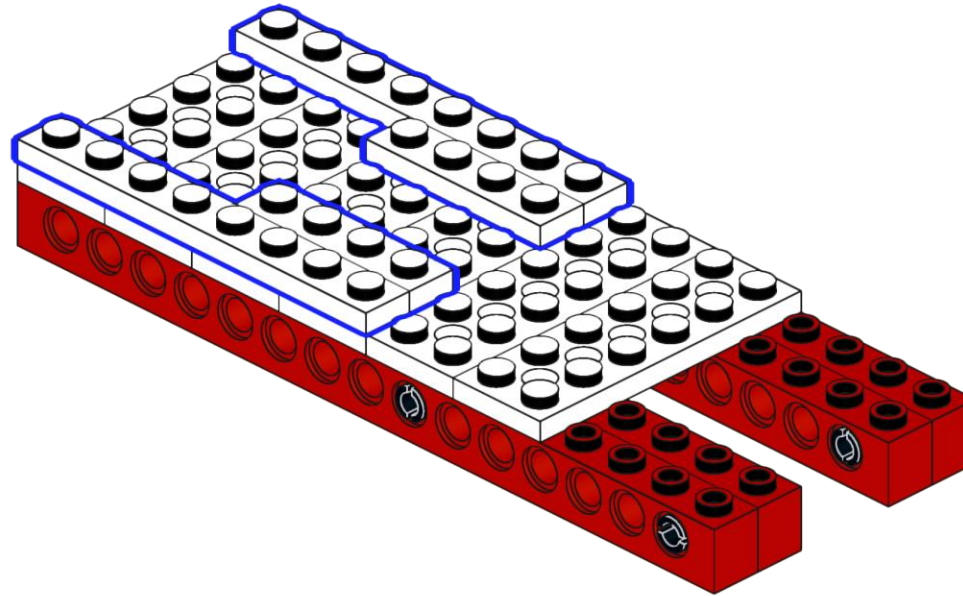
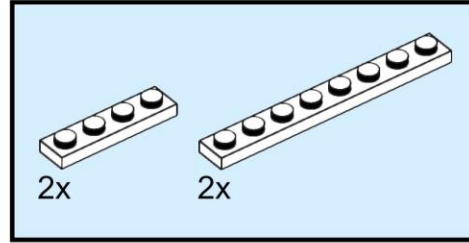




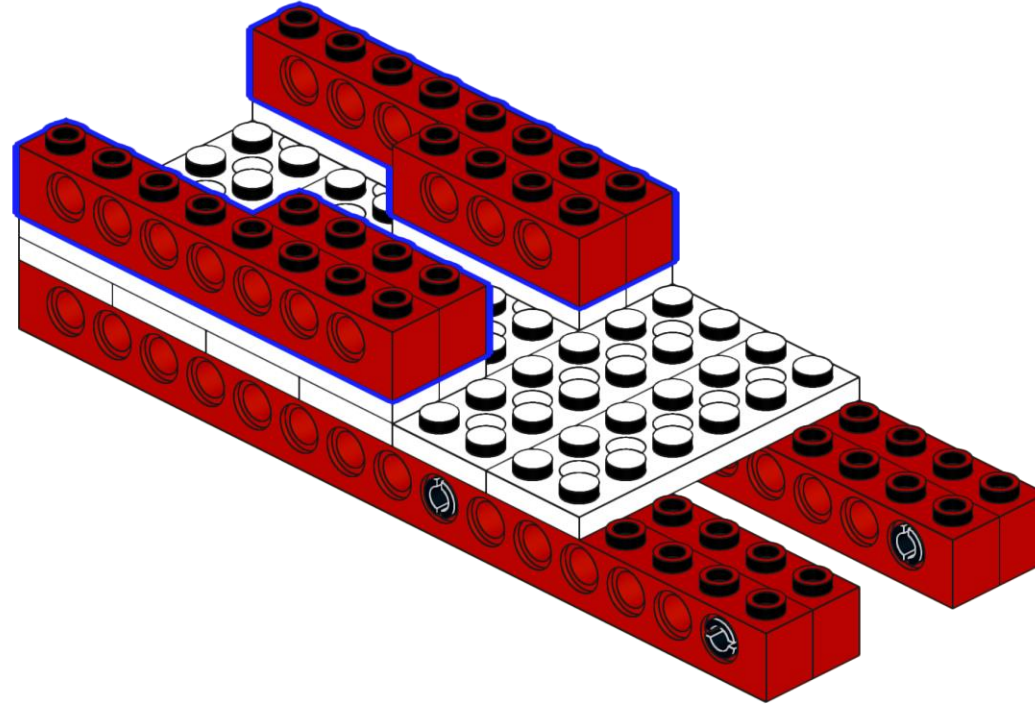
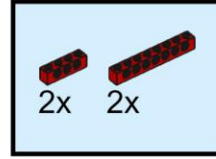
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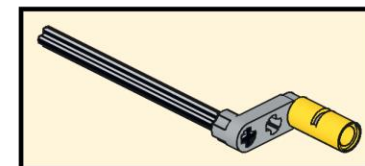
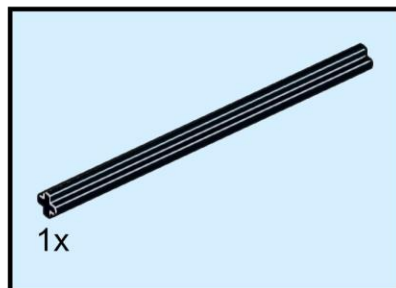
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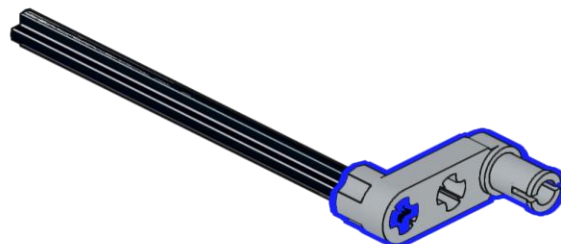
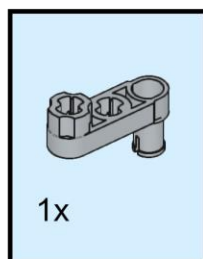
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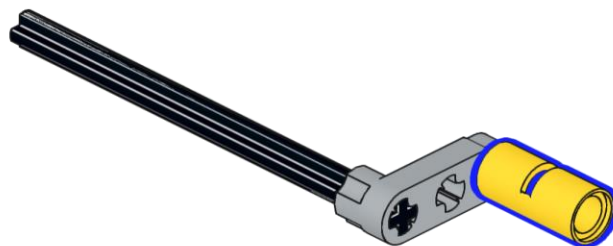
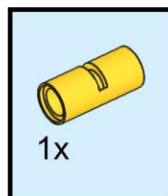
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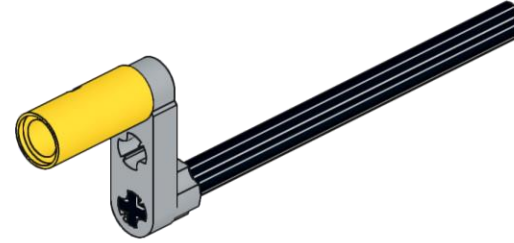
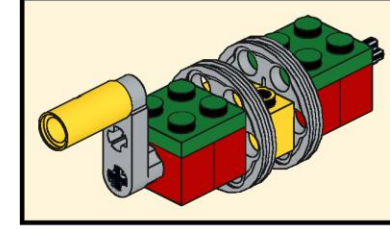
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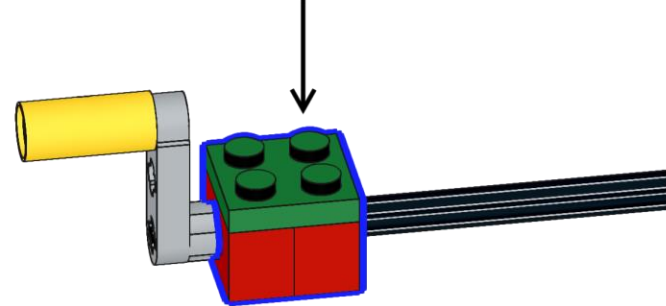
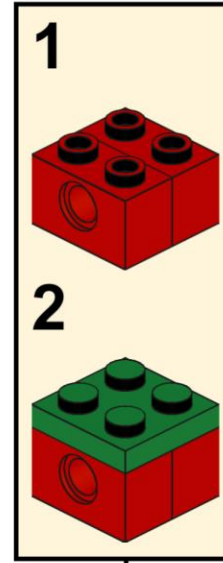
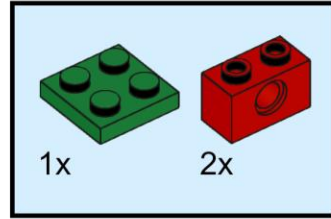
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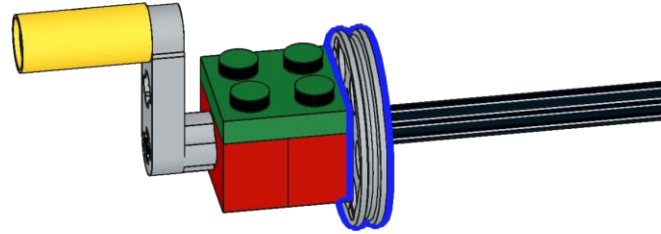
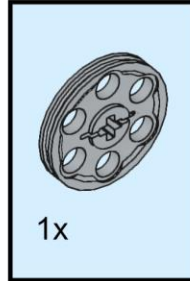
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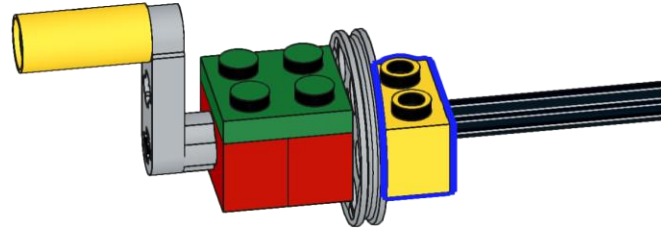
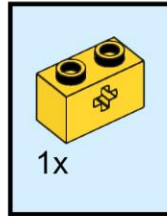
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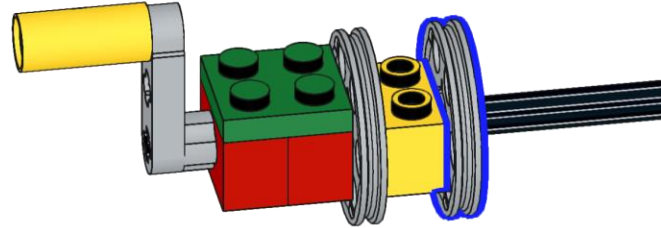
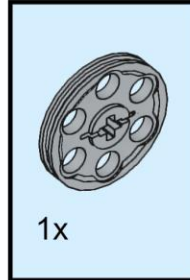
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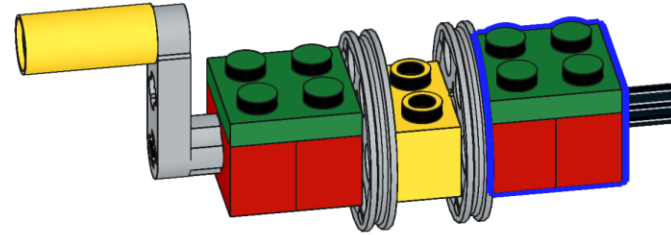
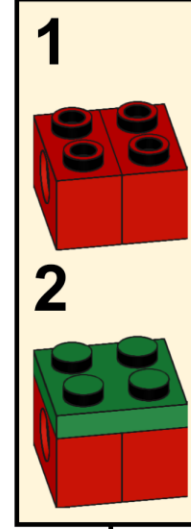
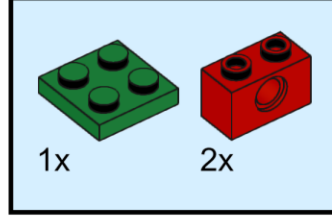
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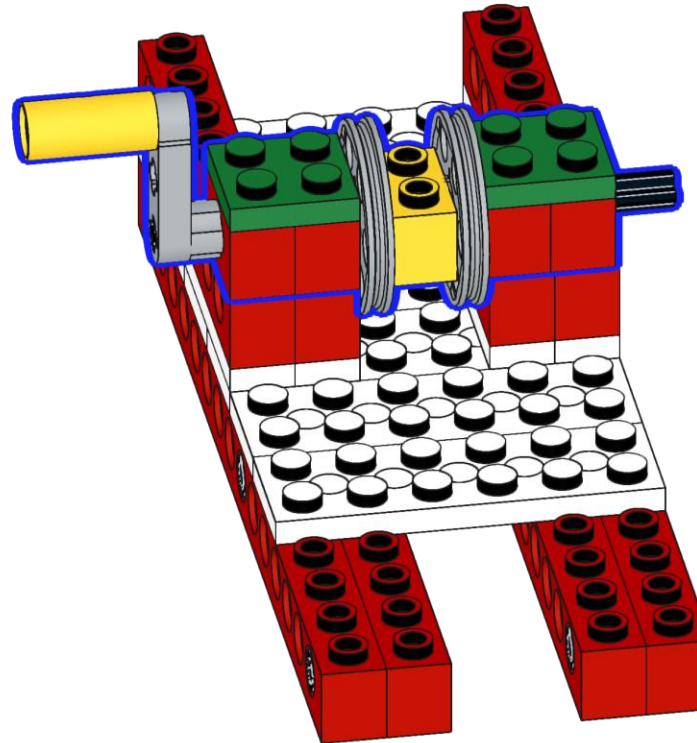
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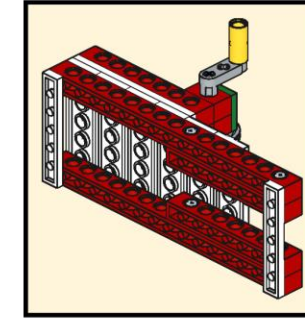
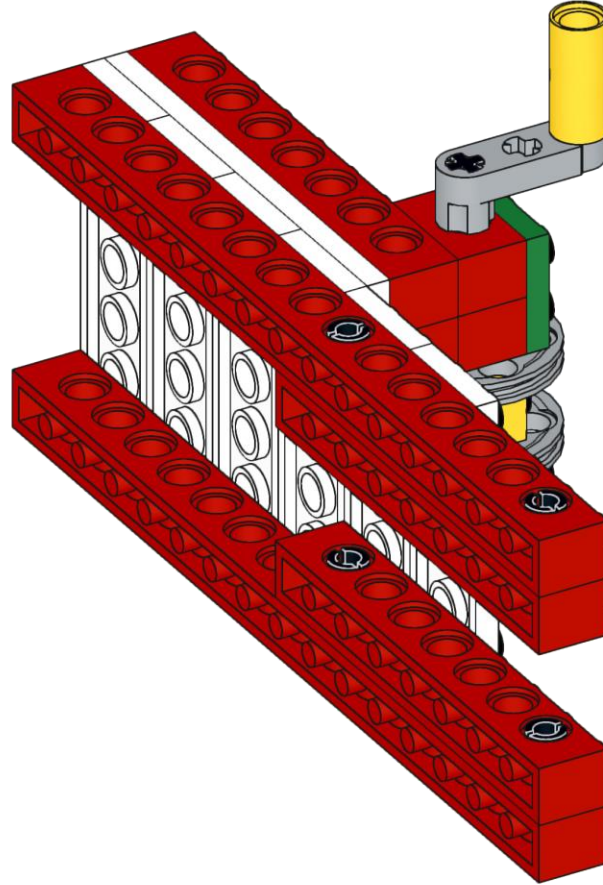
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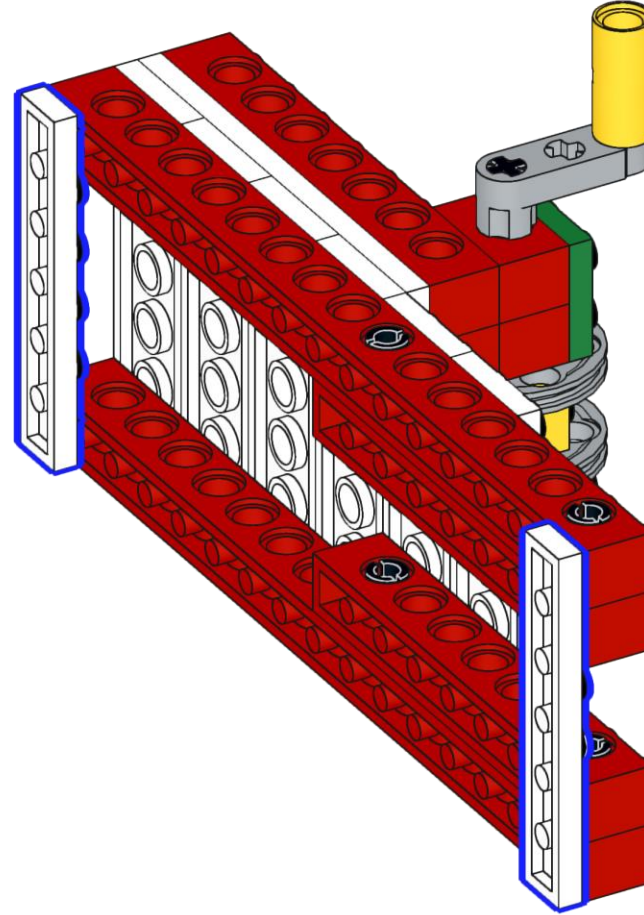
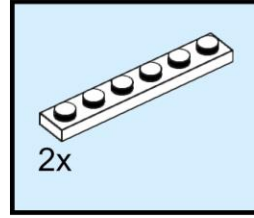
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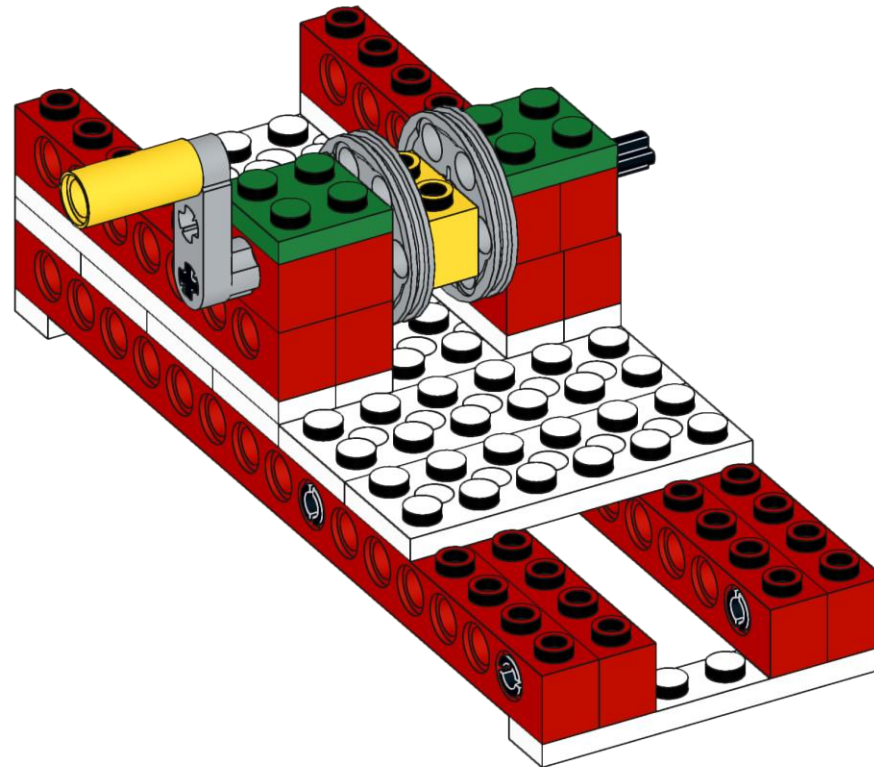
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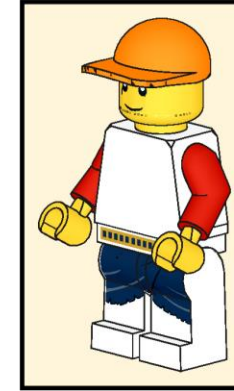
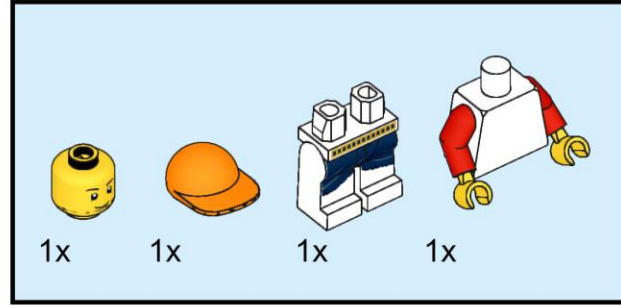
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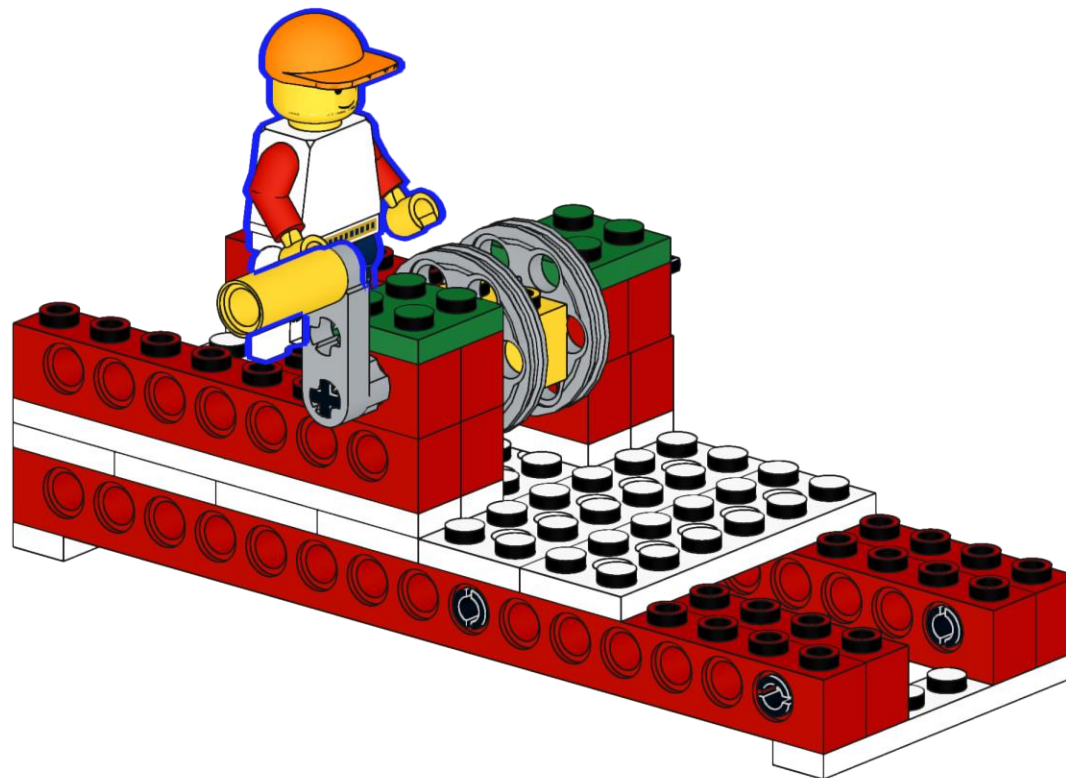
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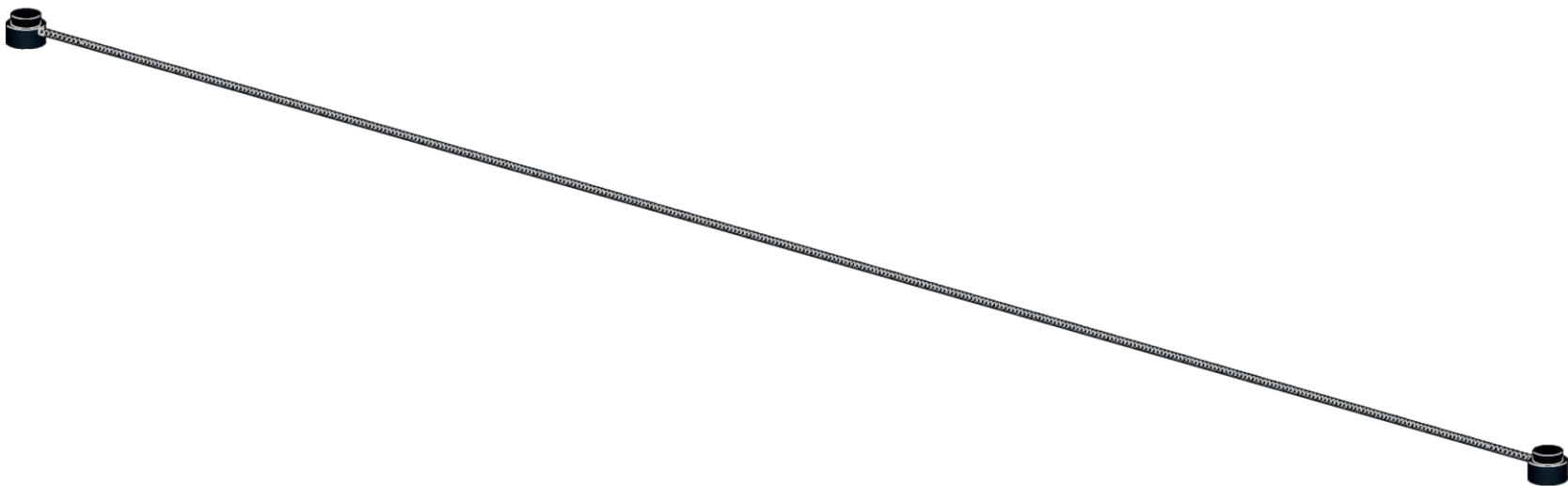
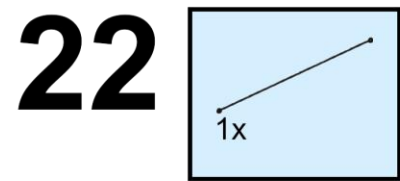


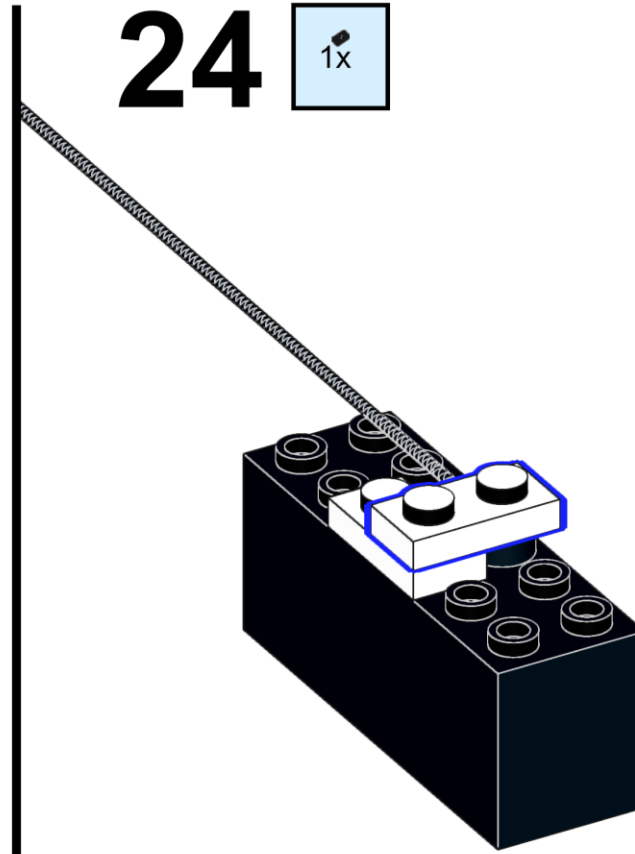
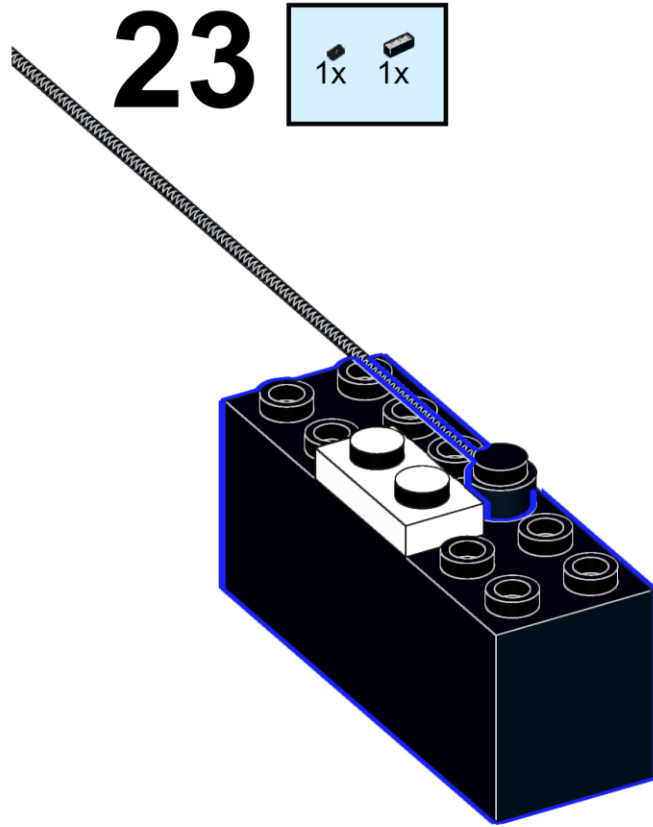
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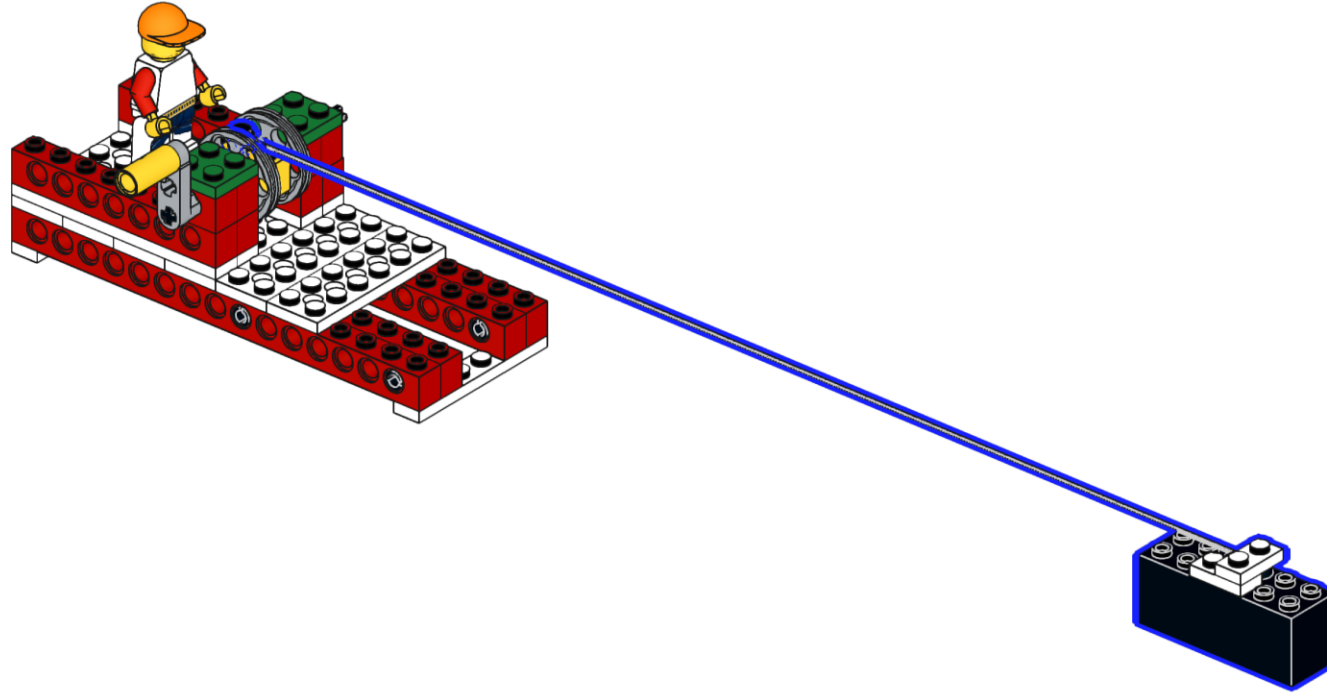
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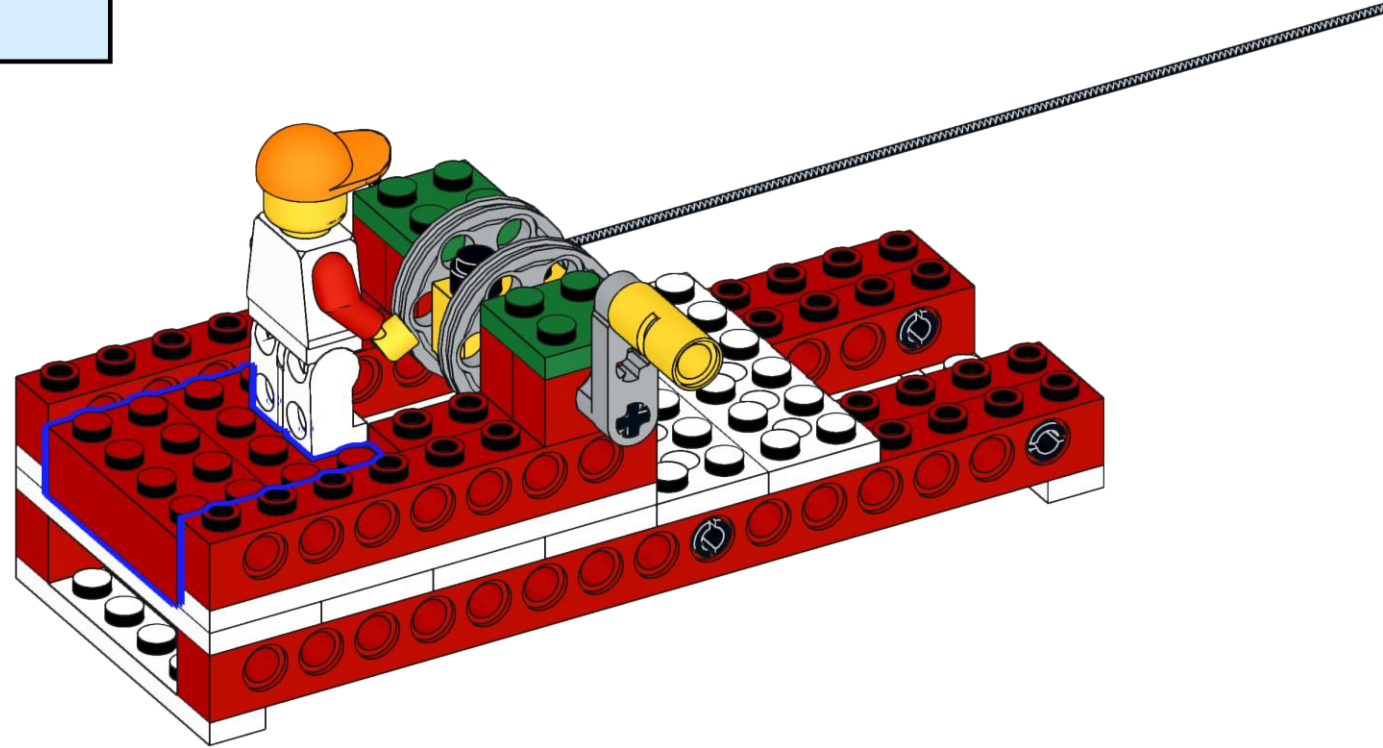
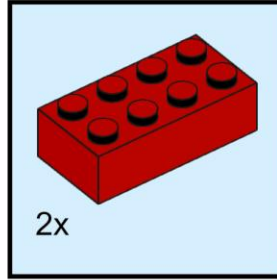




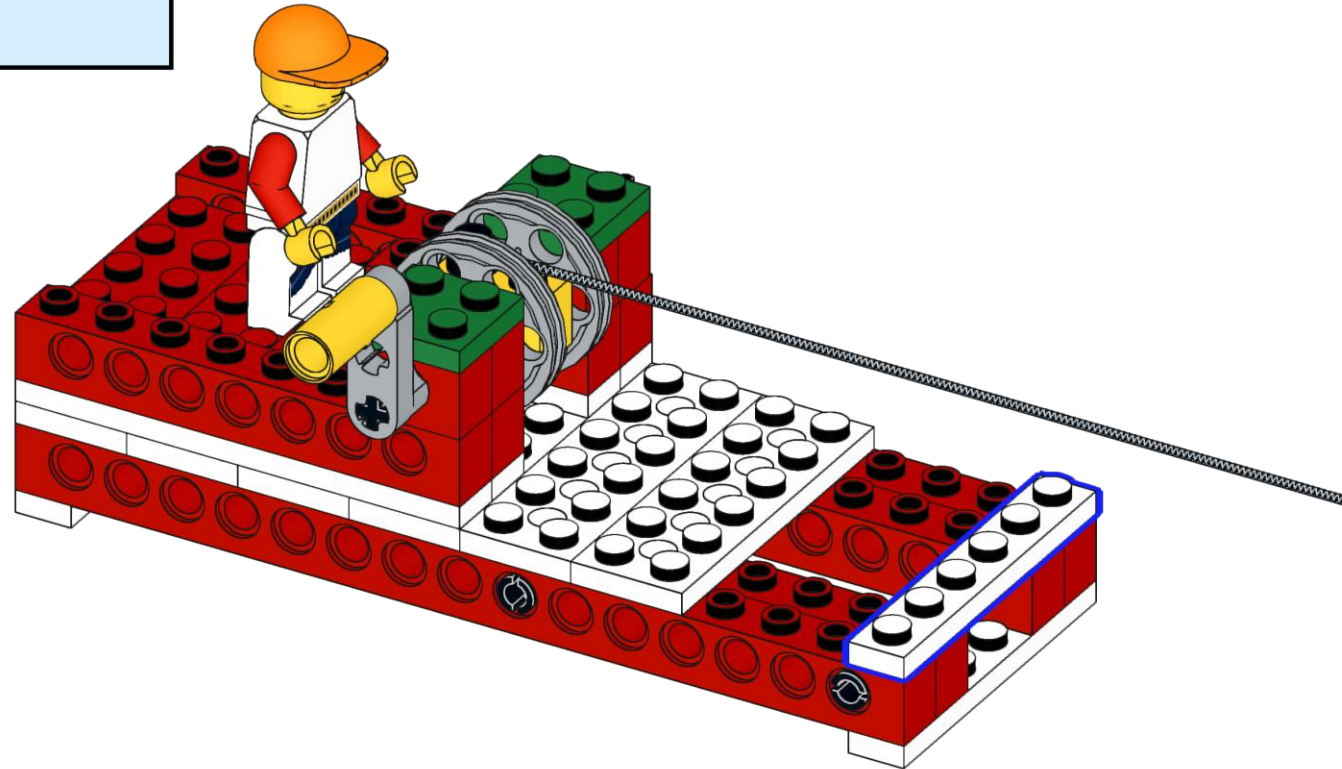
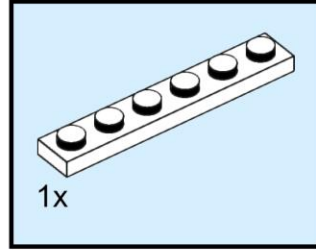
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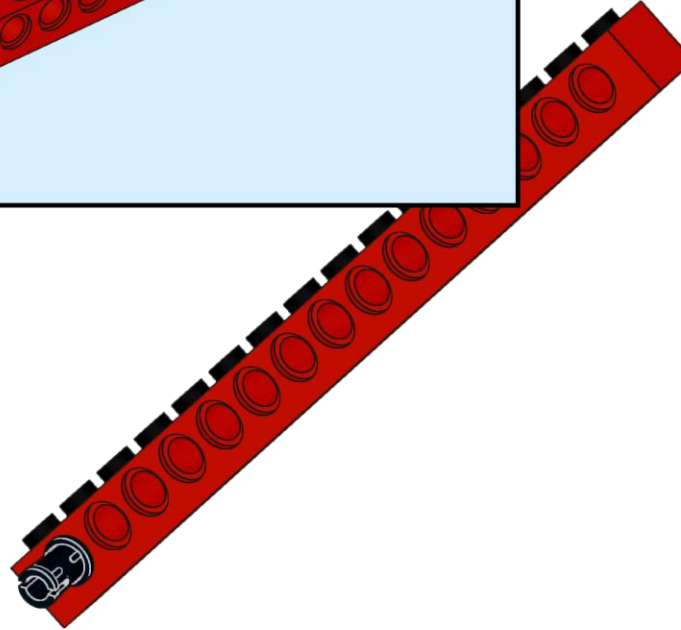
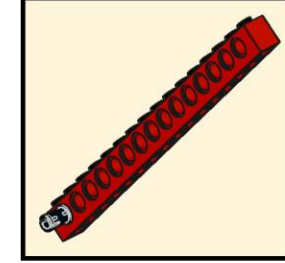
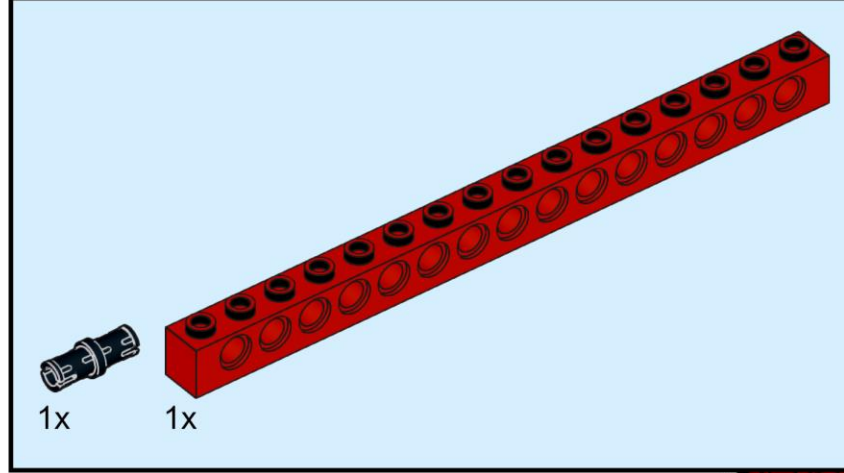
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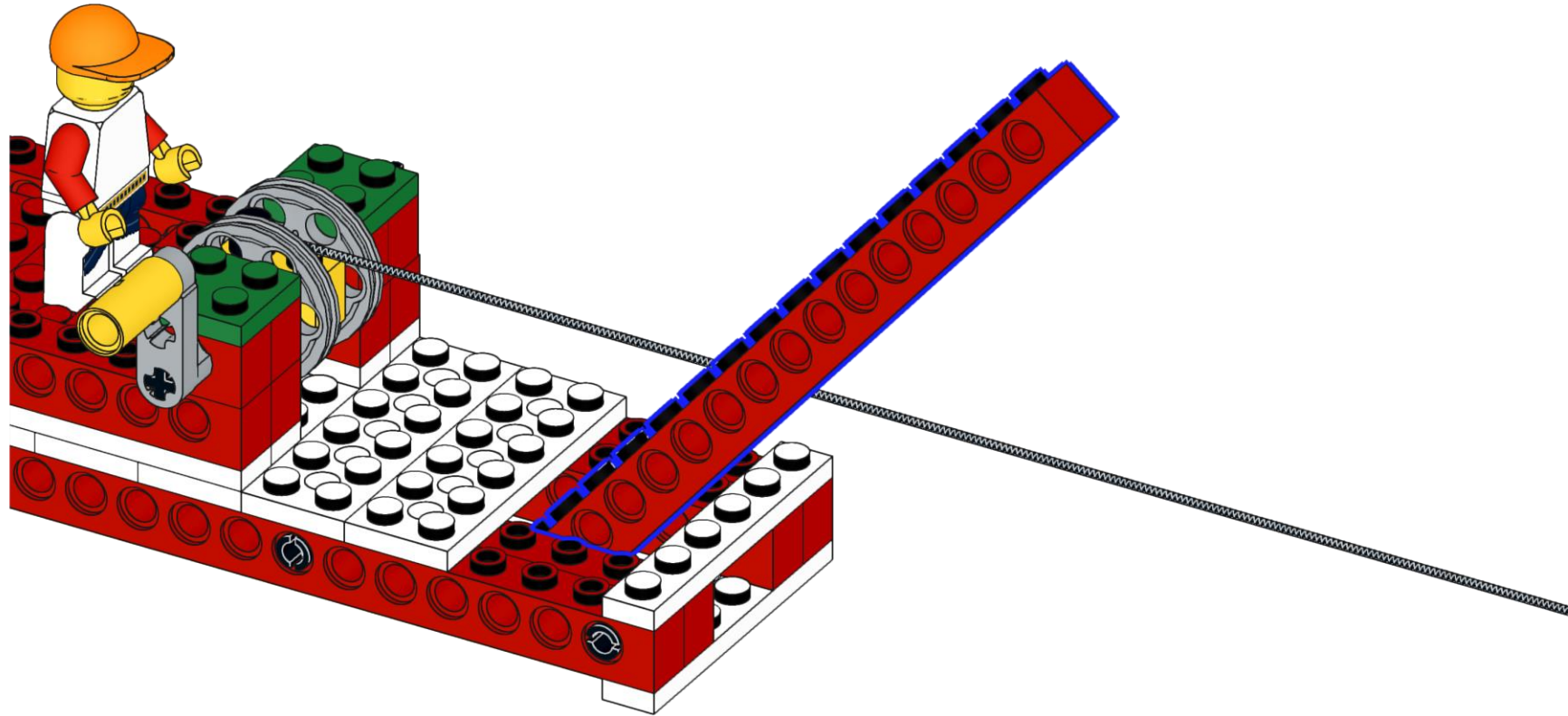
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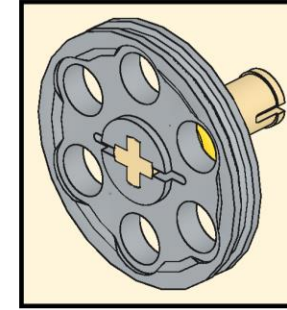
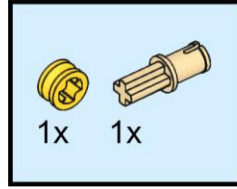
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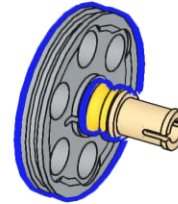
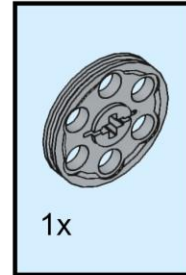
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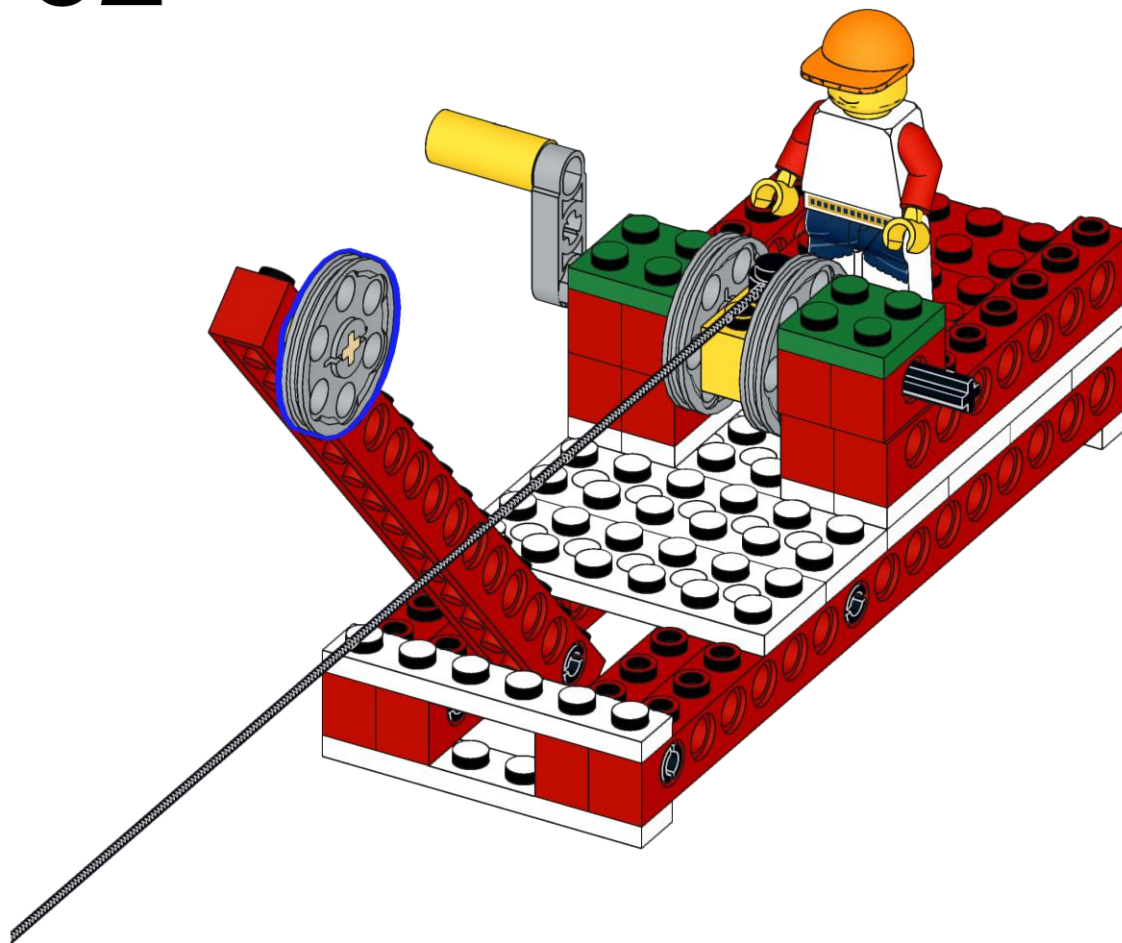
30



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*Μετά την ολοκλήρωση του φύλλου εργασίας,
λύνουμε την κατασκευή και
τακτοποιούμε το κουτί μας*