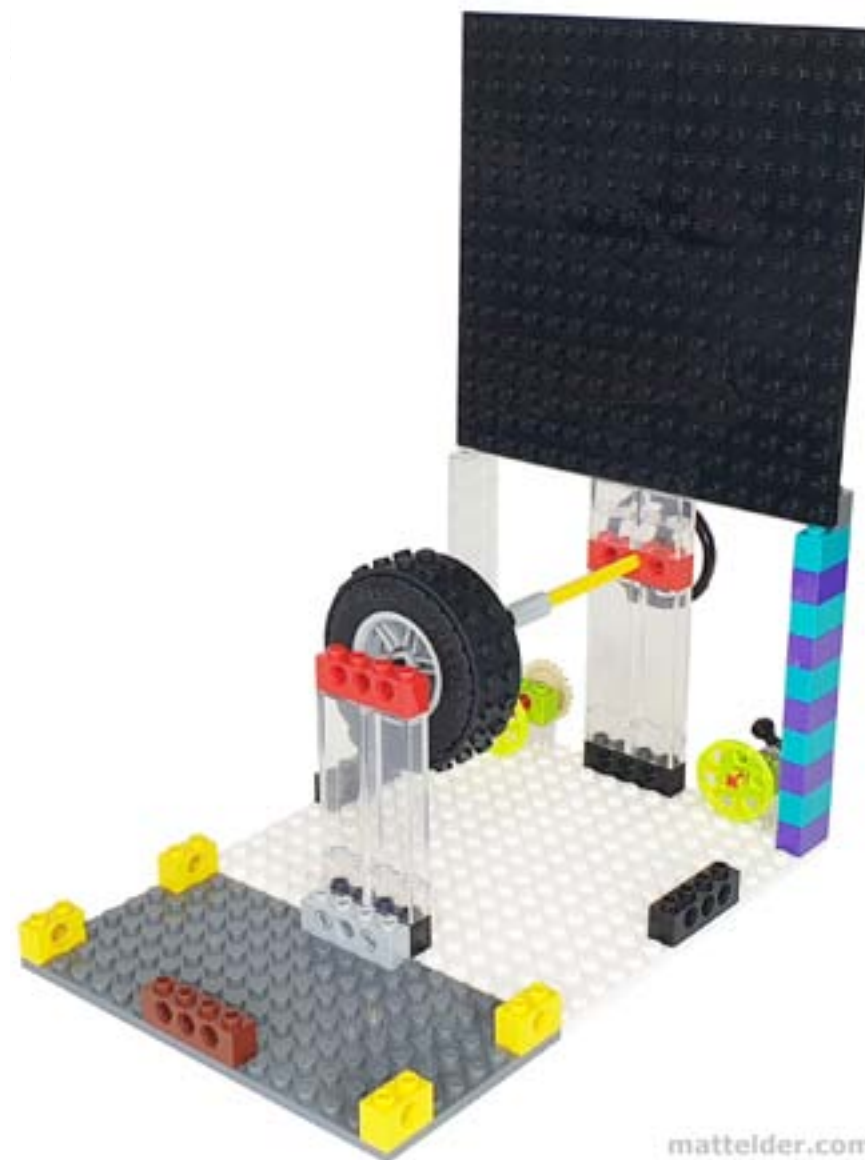


YouTube Video at:



<https://youtu.be/bkrfedrY-Gg>



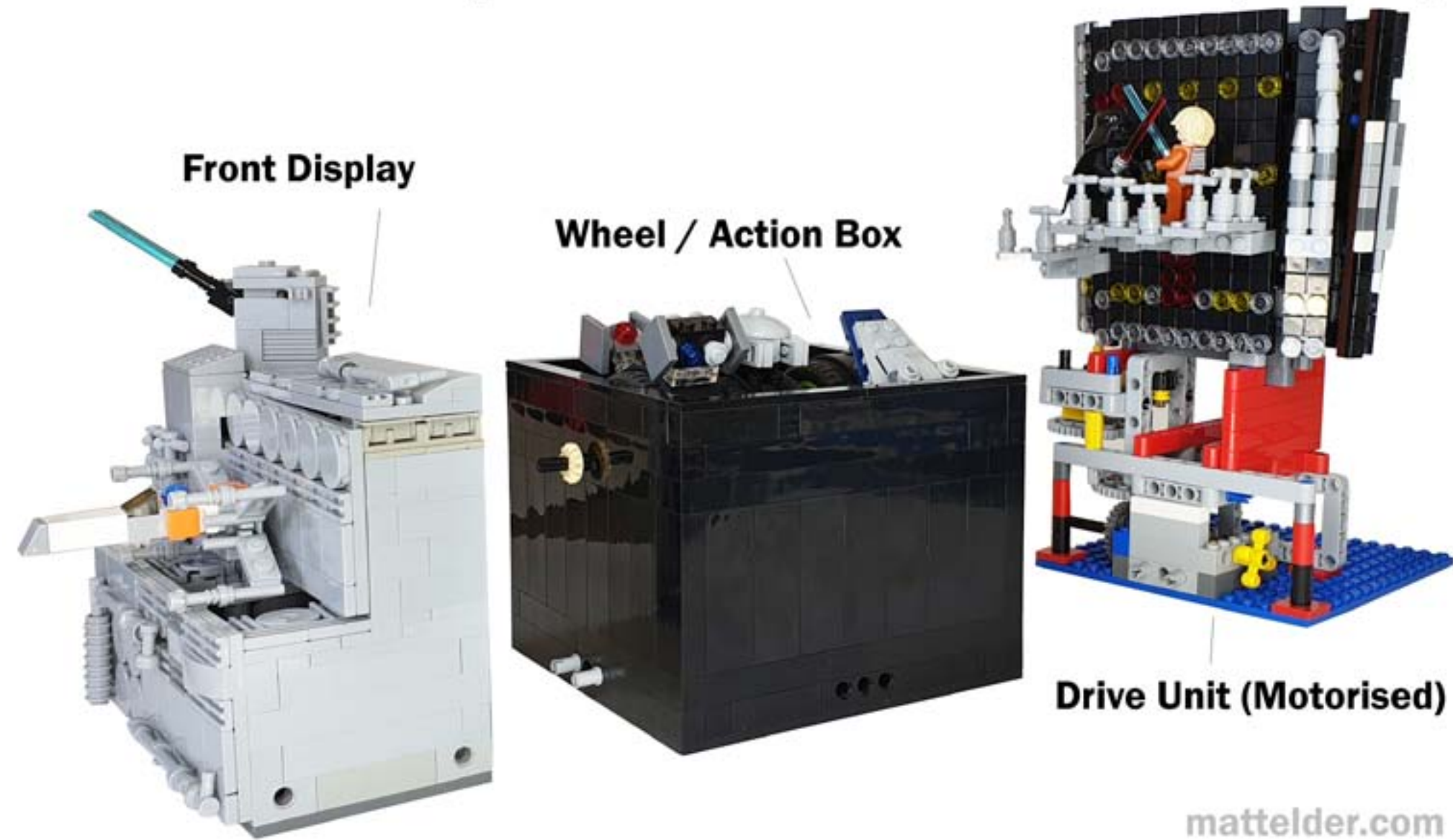
LEGO Scenario: Getting Started Essentials, Created by [www.mattelder.com](http://www.mattelder.com)

LEGO Scenario Resources: <https://www.mattelder.com/scenario>

See [Youtube: "Family Bricks"](https://www.youtube.com/channel/UCMFk9ud6WdxSpePi0cVfYjw) channel for timelapse(s)

<https://www.youtube.com/channel/UCMFk9ud6WdxSpePi0cVfYjw>

## LEGO Scenario: Components



### The Basic Setup

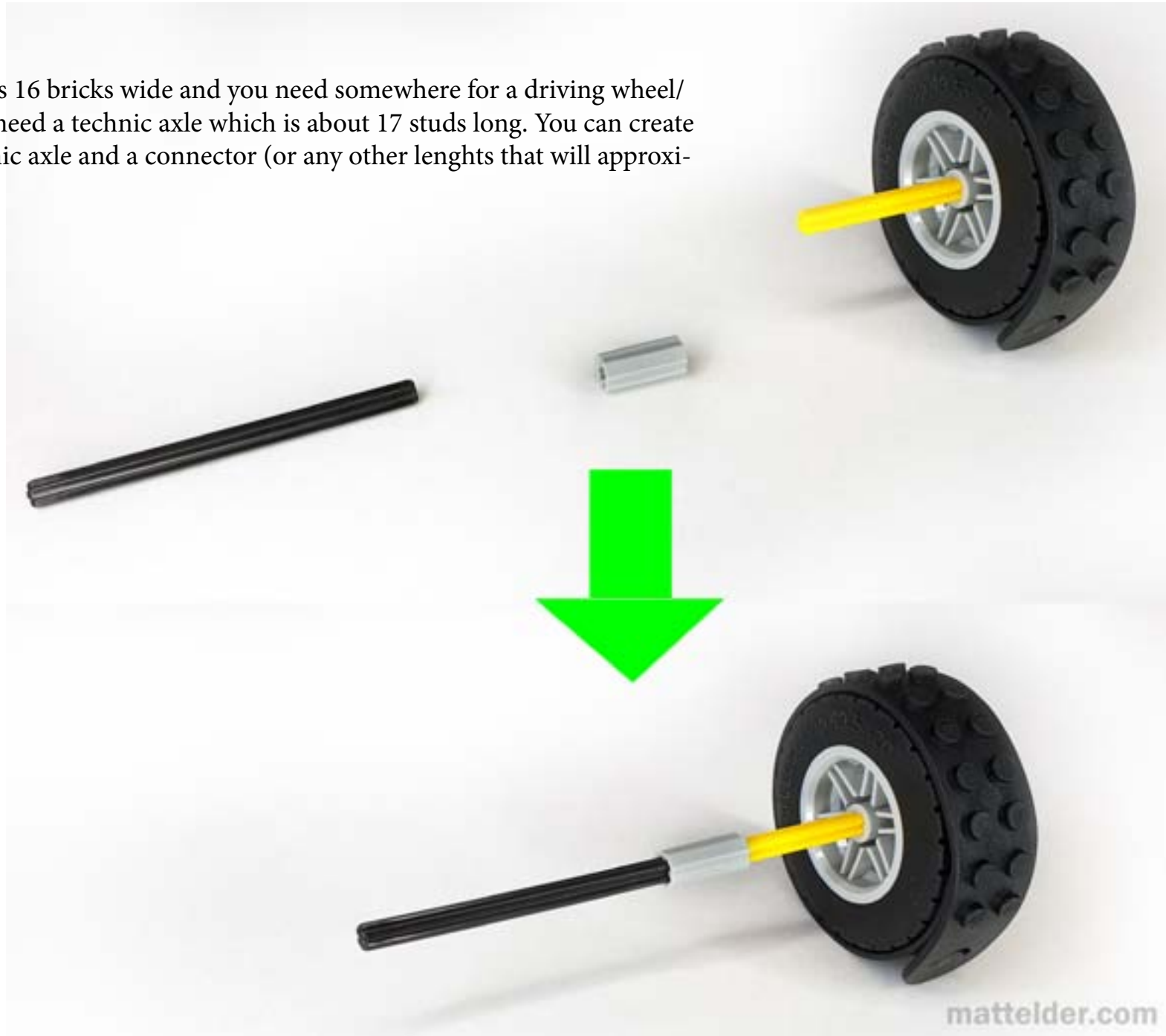
At the heart of the LEGO Scenario is simply taking a Dots Bracelet element and wrapping around a wheel (ideally with a 49.5 to 56mm diameter wheel). Put a technic axle through the wheel and you are good to go.



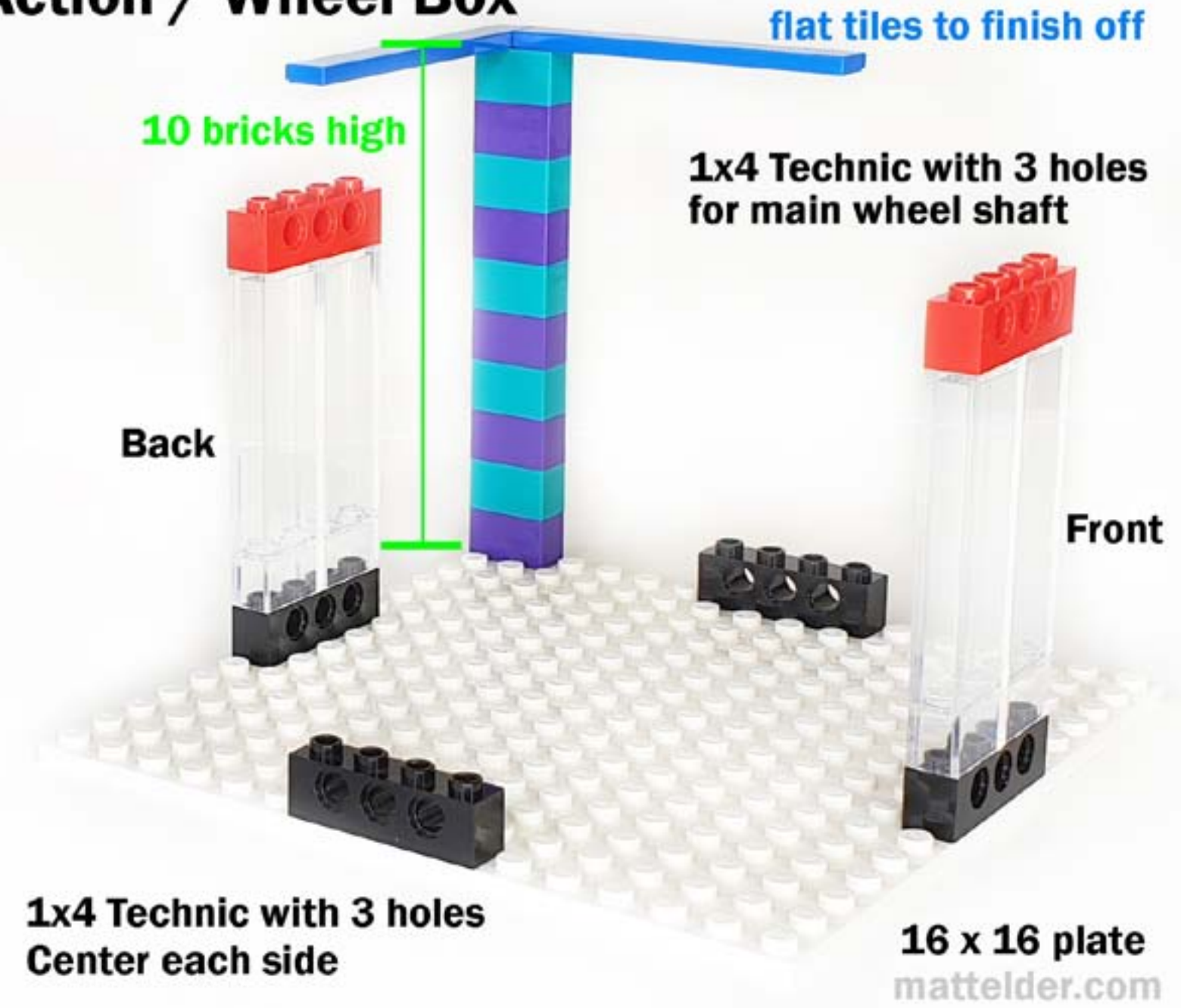


### The Axle Length

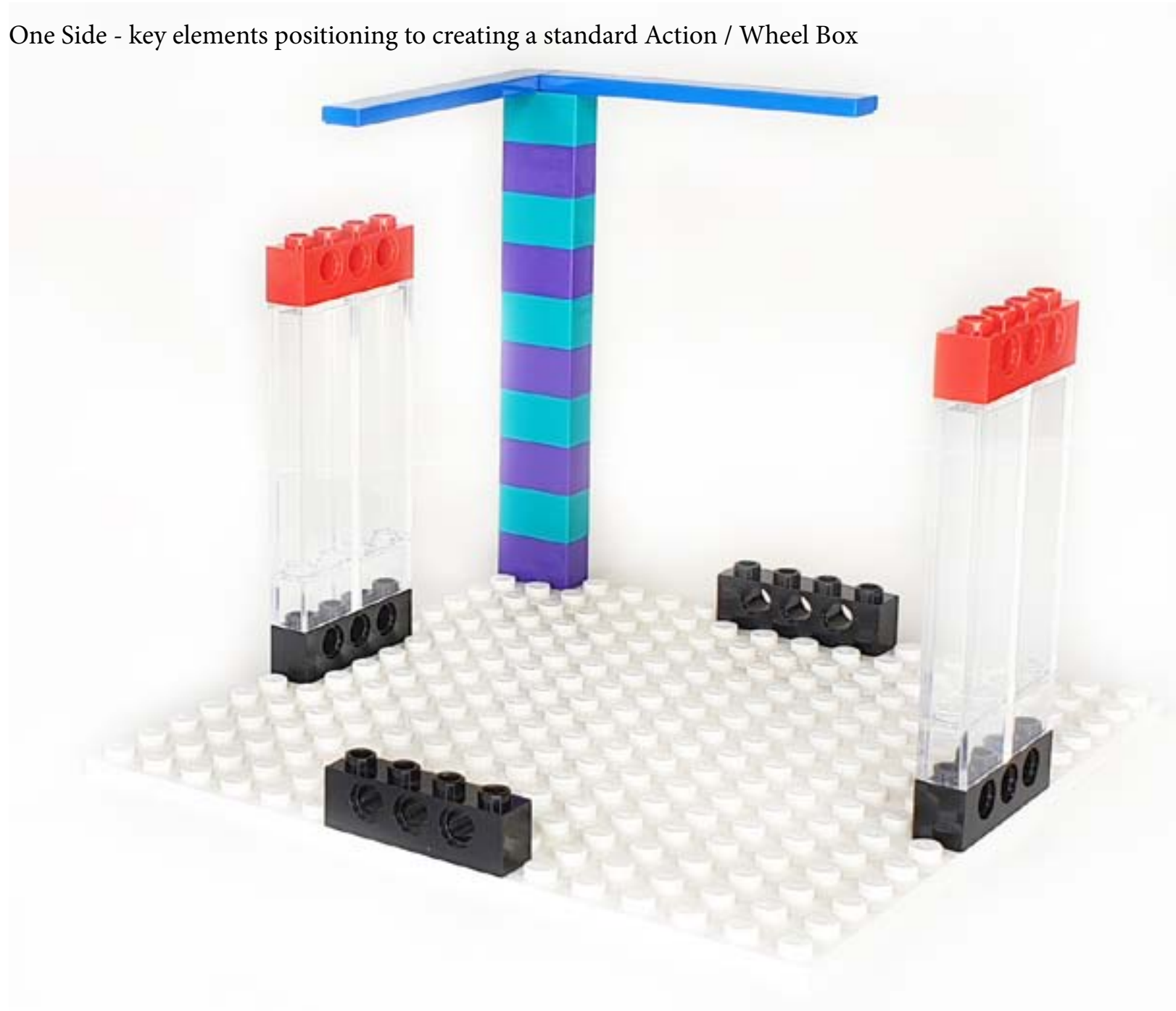
A LEGO Scenario Action box is 16 bricks wide and you need somewhere for a driving wheel/motor to hook onto. Thus you need a technic axle which is about 17 studs long. You can create this with a 8 and 9 length technic axle and a connector (or any other lengths that will approximate 17 studs long).



## Action / Wheel Box



One Side - key elements positioning to creating a standard Action / Wheel Box



Other Side





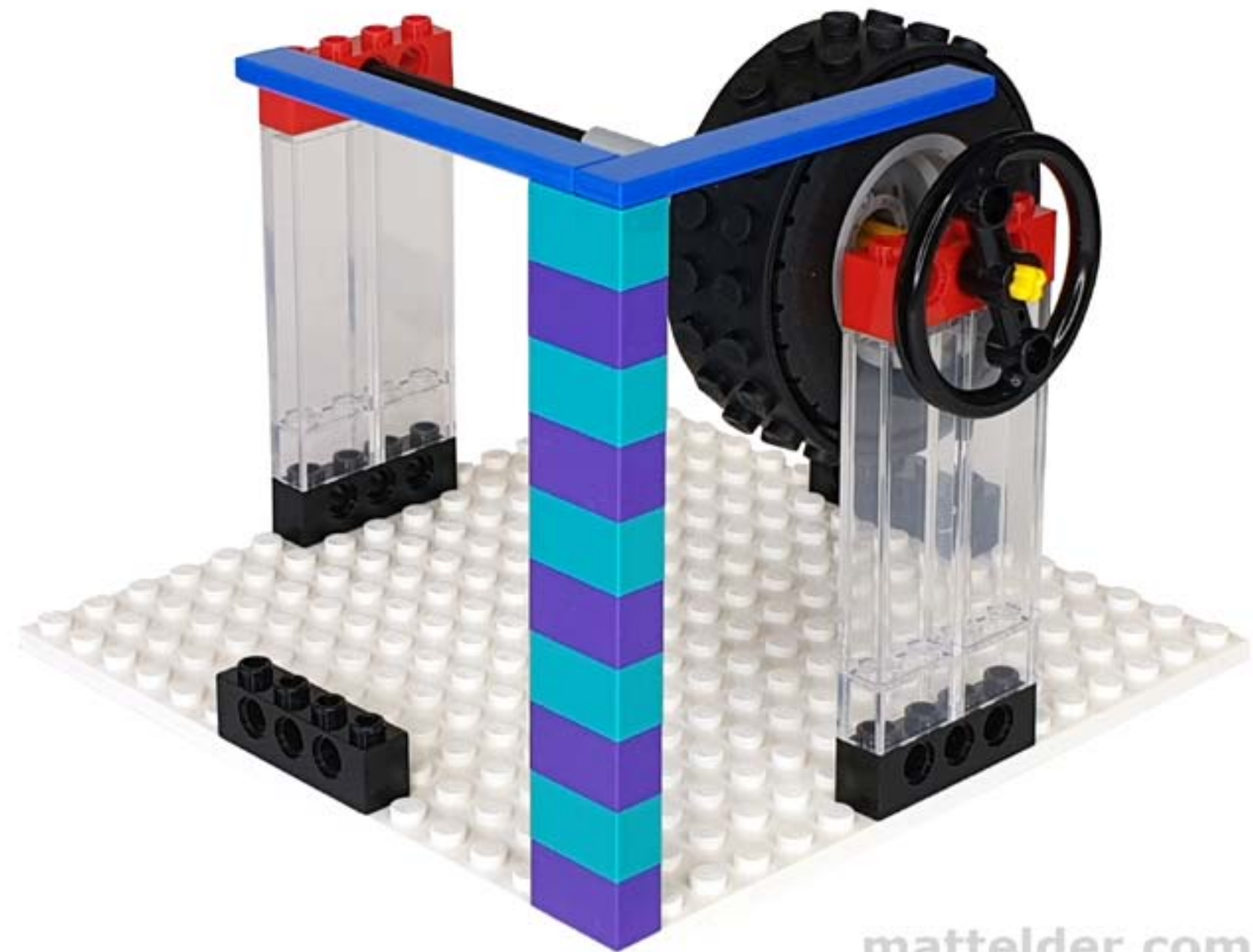
Add in Wheel with axle from earlier



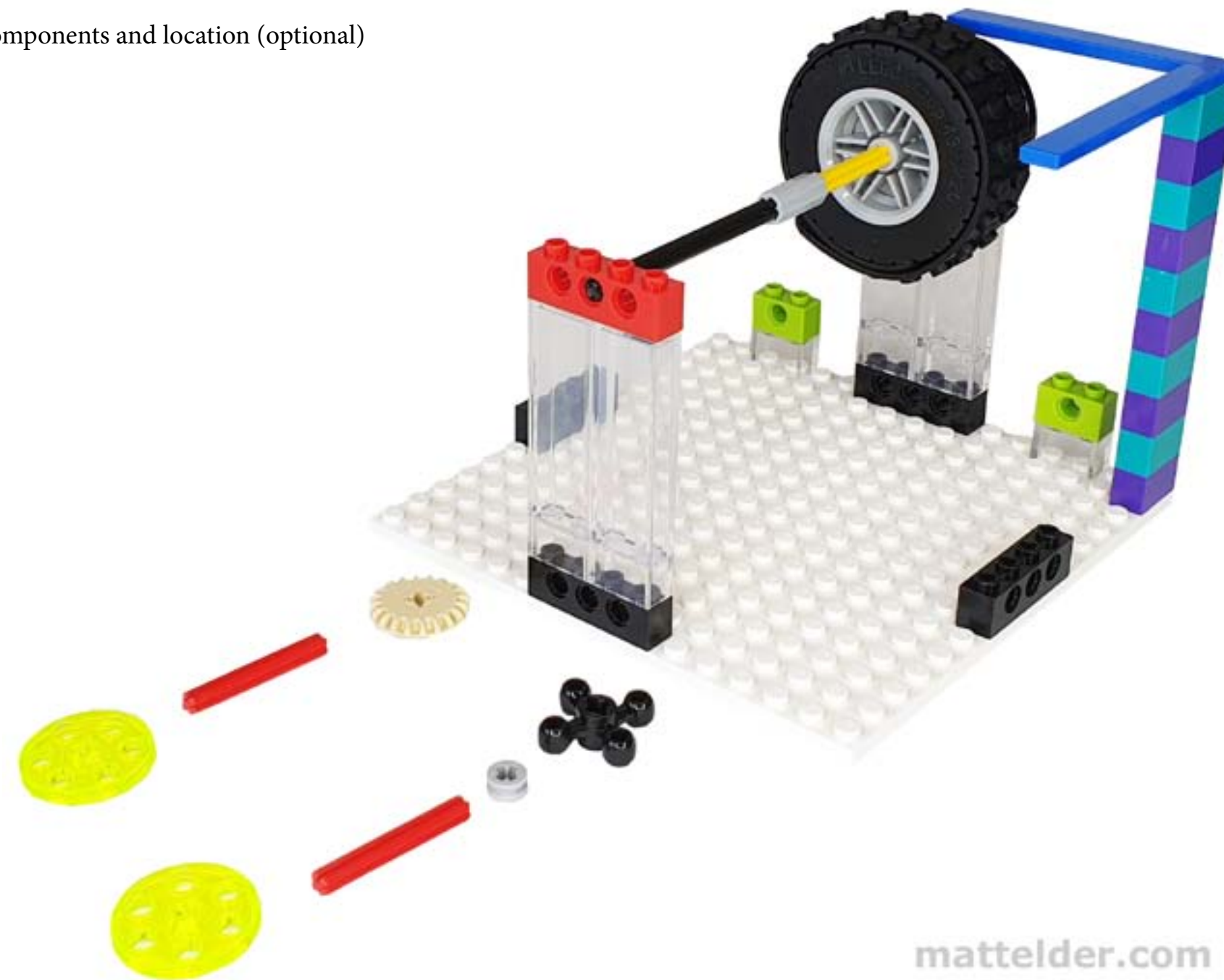
### Basic steering wheel to turn main axle



Steering wheel added to back of Action box to turn wheel

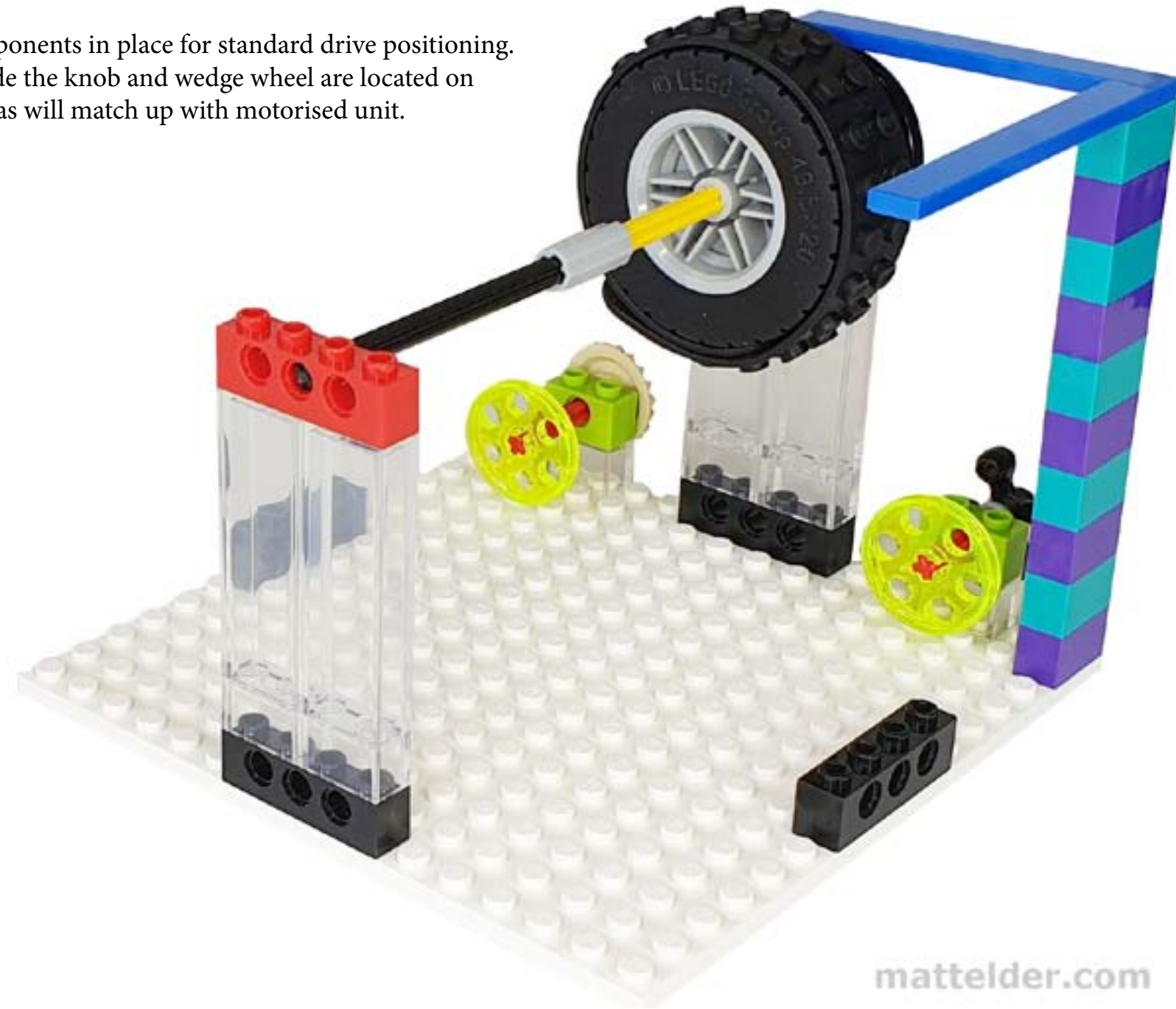


Puelley components and location (optional)

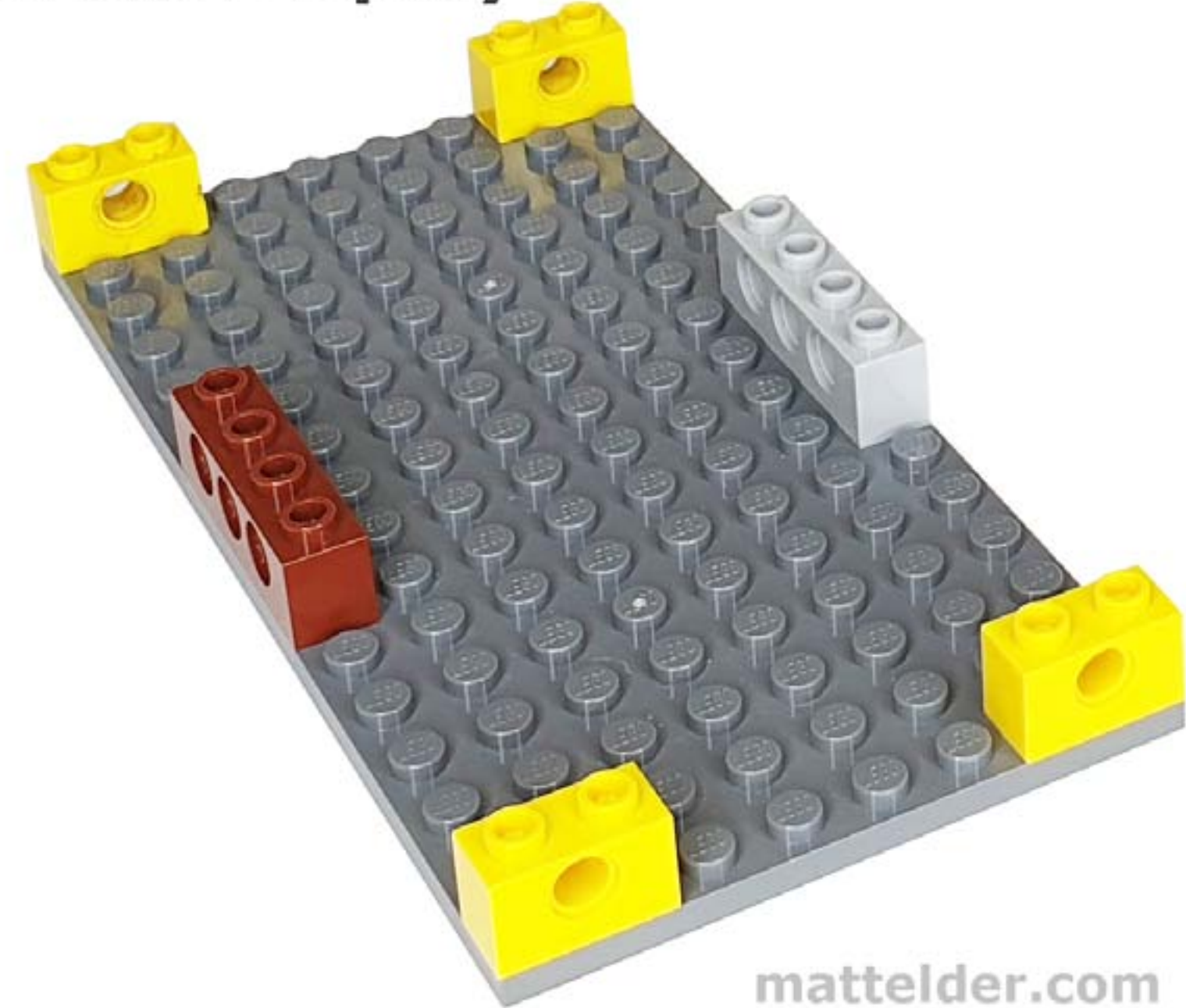




Puelley components in place for standard drive positioning.  
Note: The side the knob and wedge wheel are located on does matter as will match up with motorised unit.

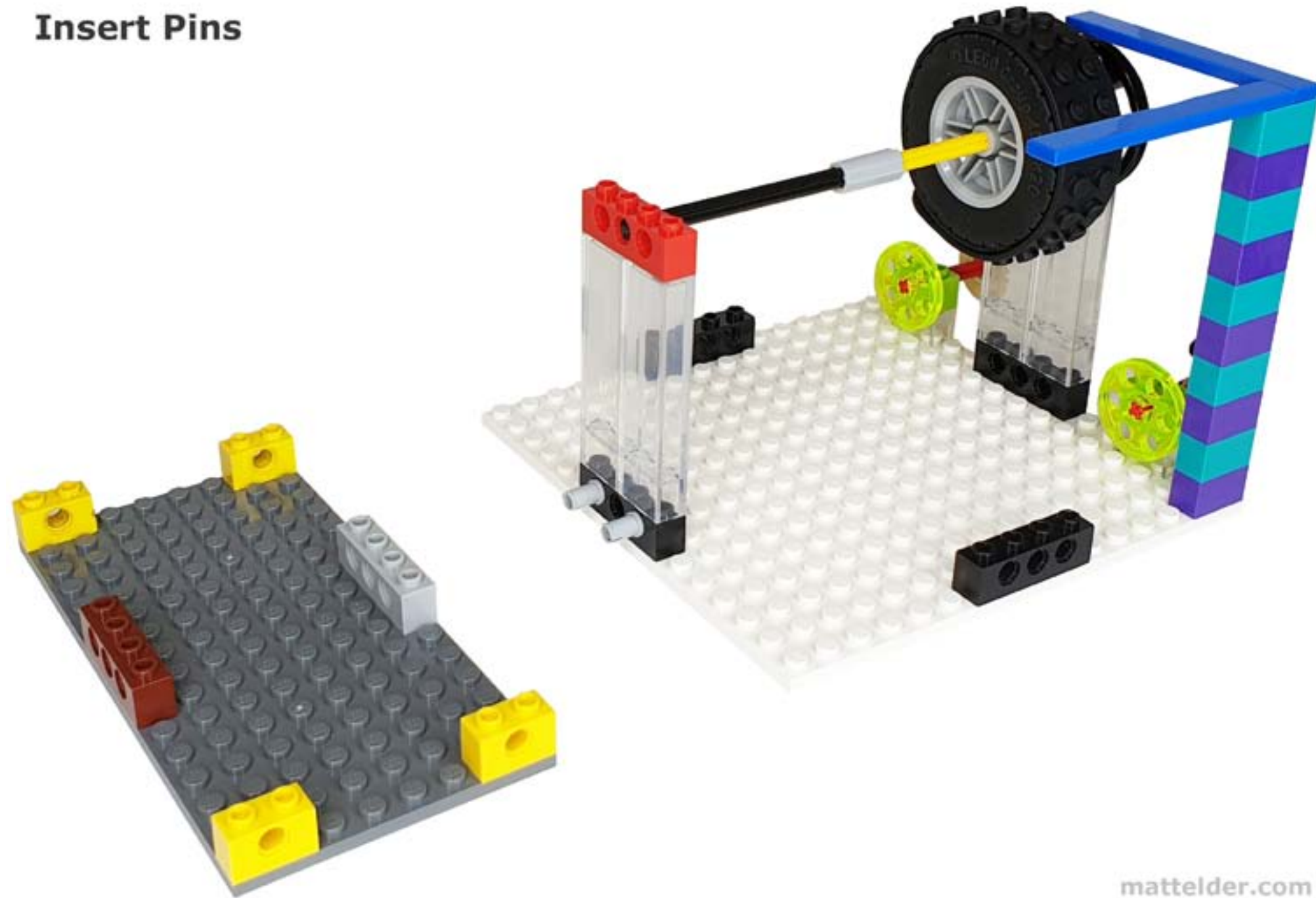


## Front Display

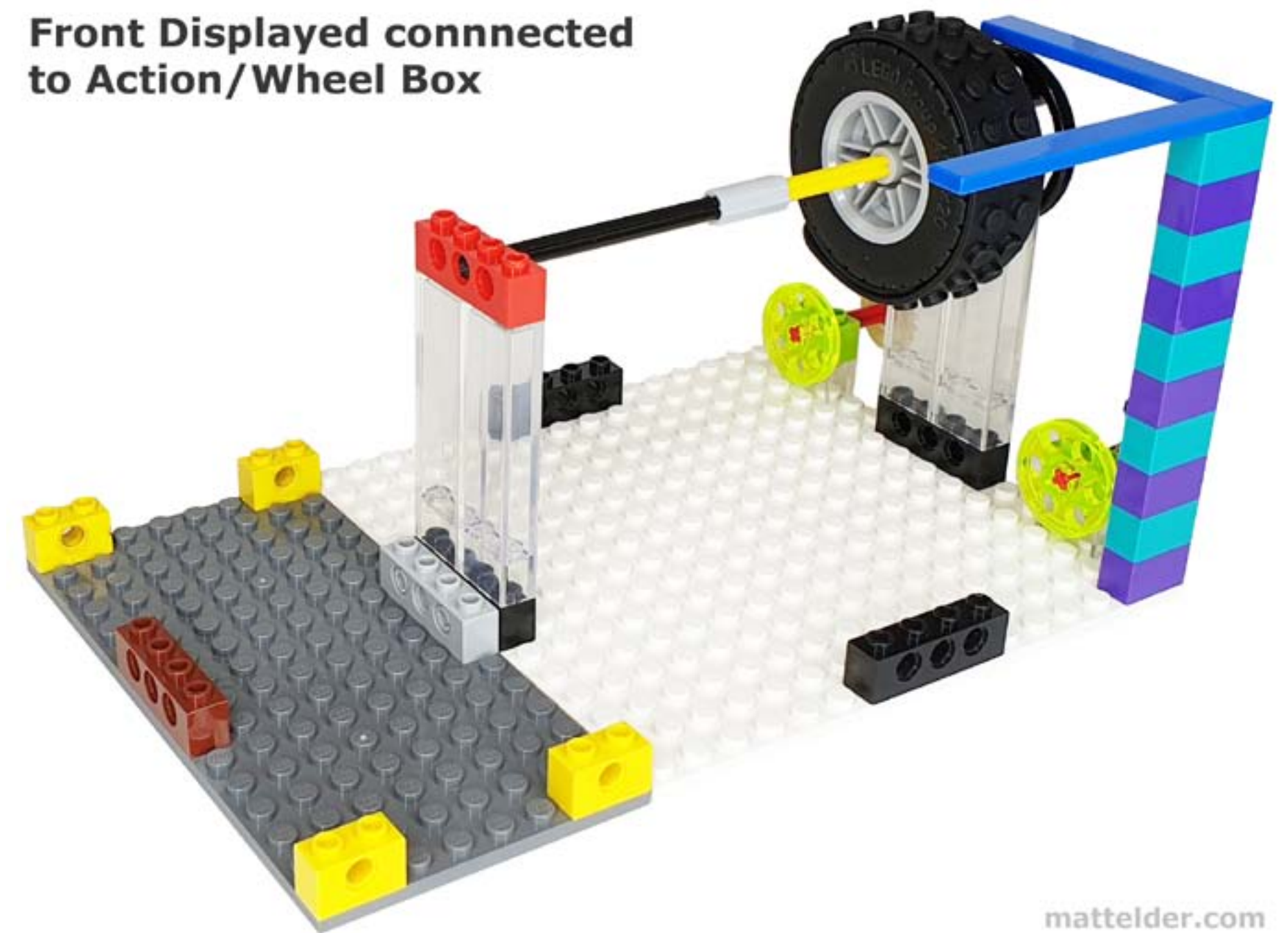




## Insert Pins

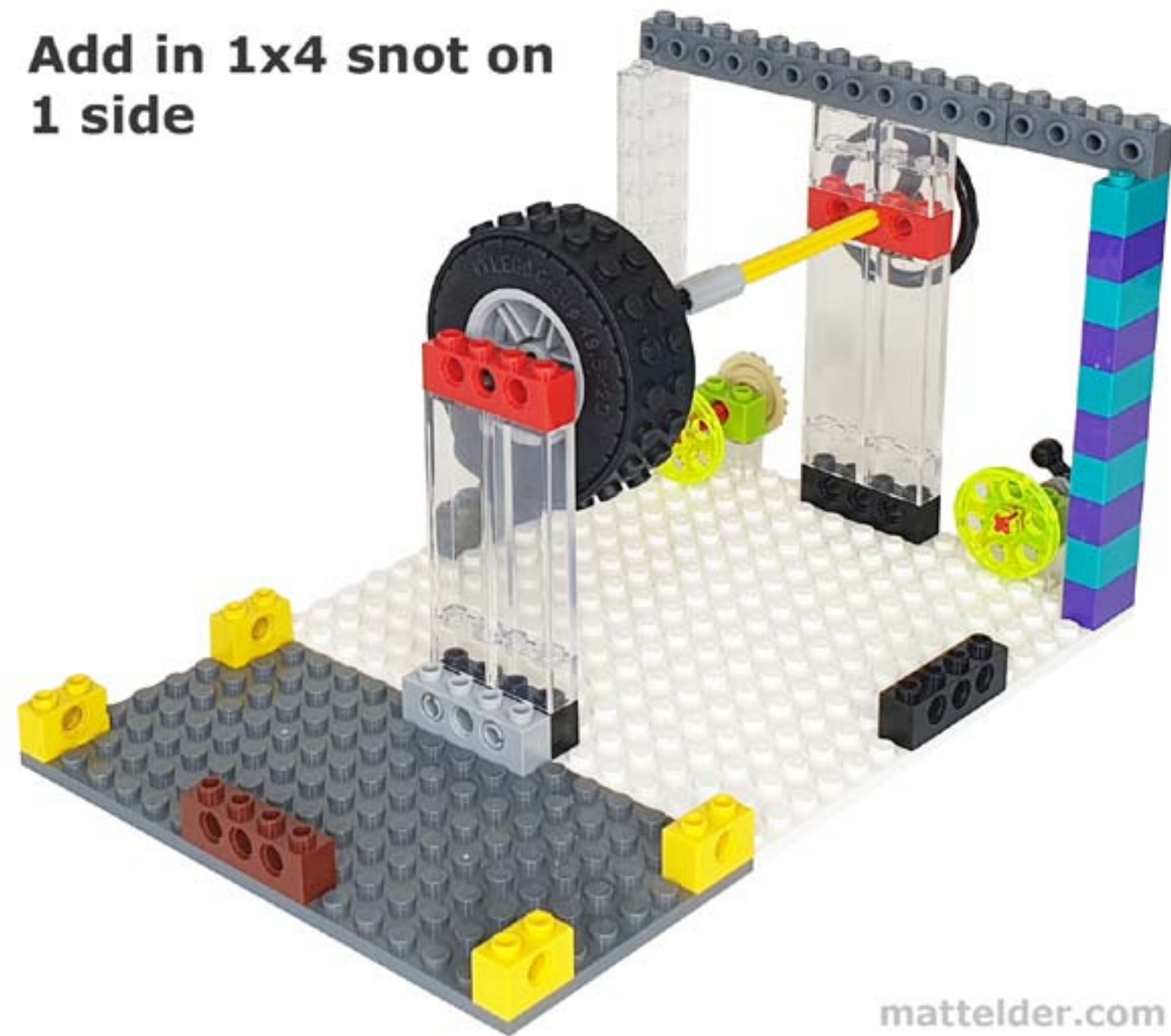


## Front Displayed connected to Action/Wheel Box



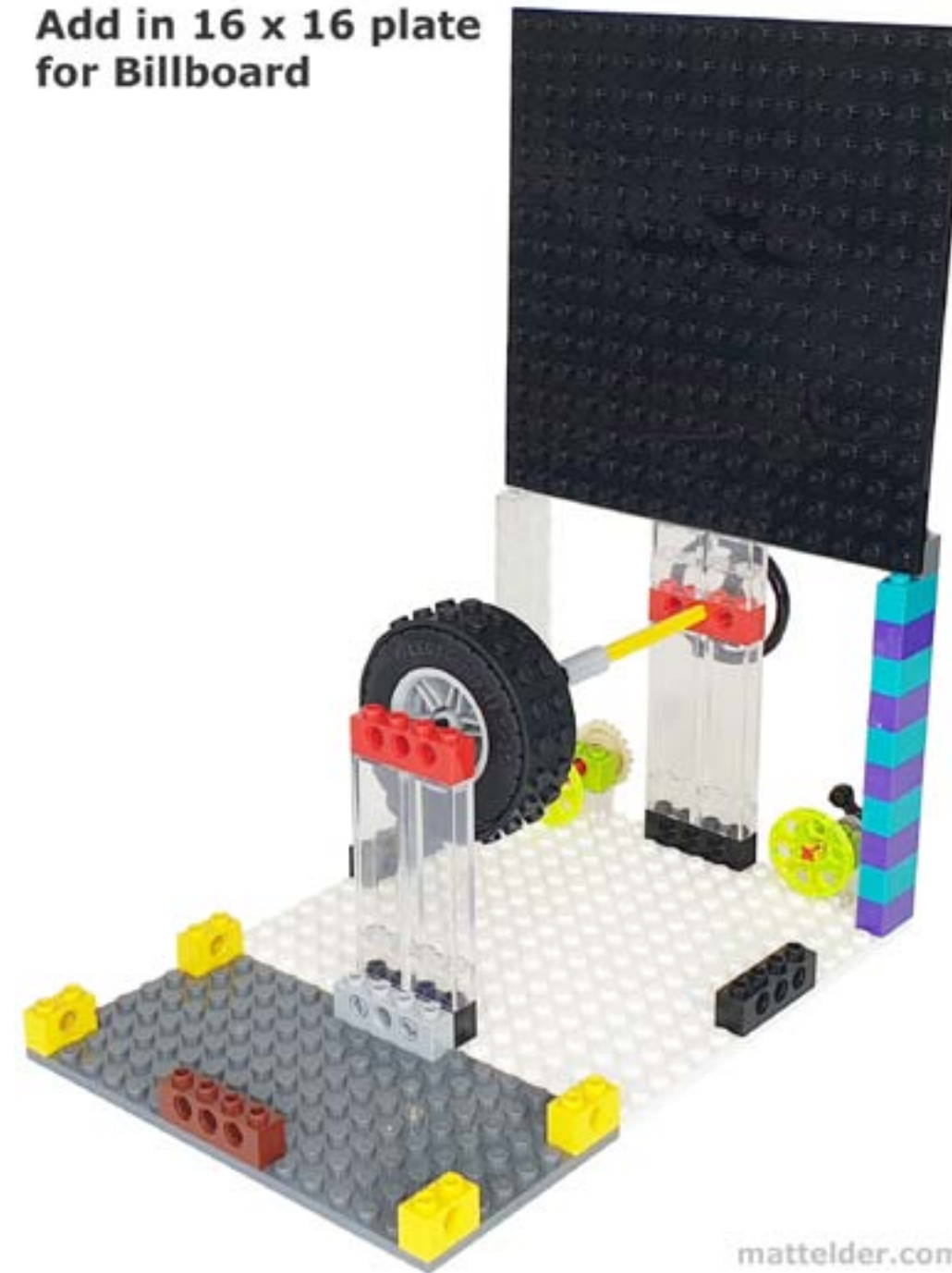


**Add in 1x4 snot on  
1 side**



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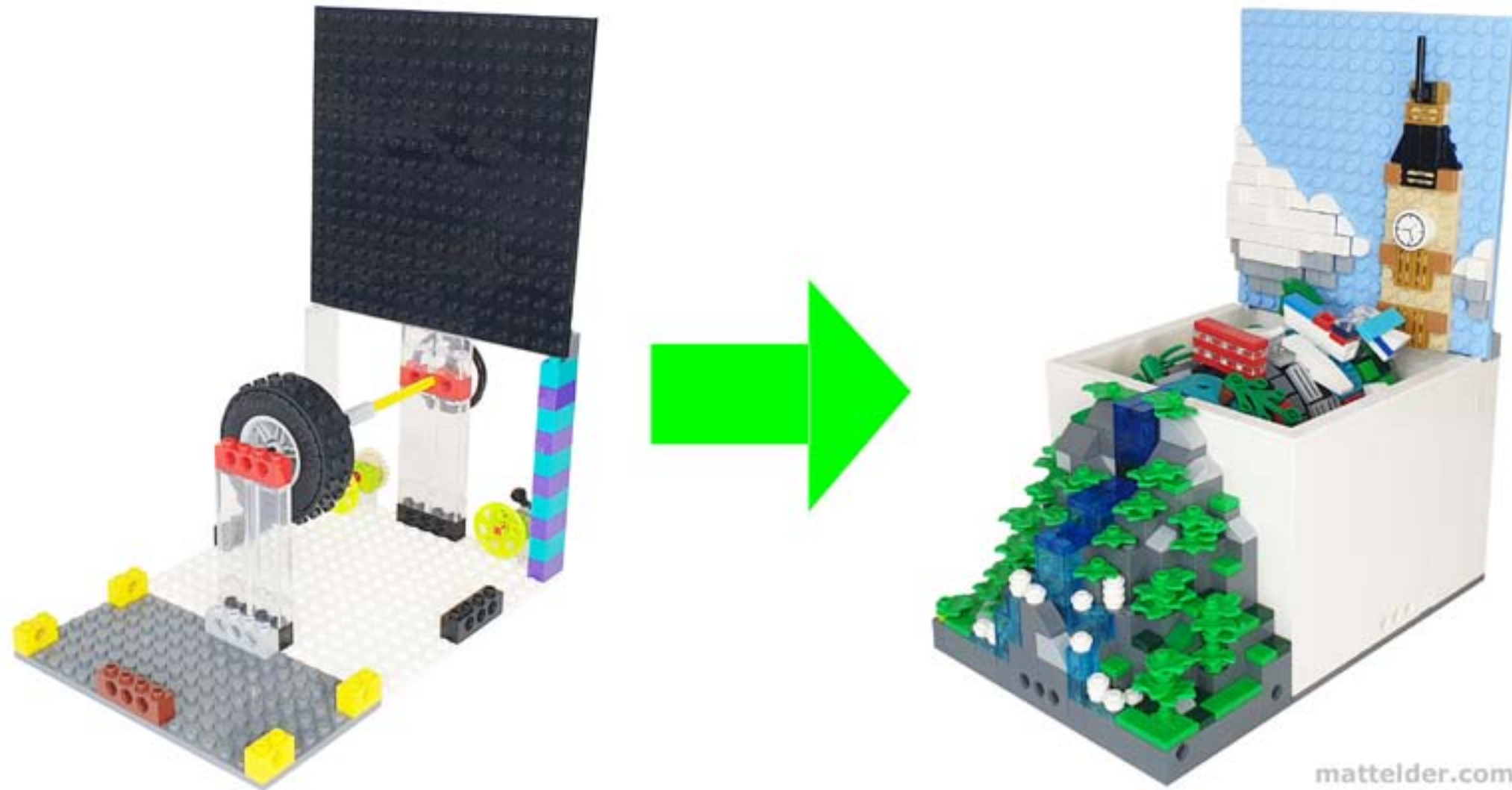
**Add in 16 x 16 plate  
for Billboard**



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From this base configuration, you can create a LEGO Scenario similar to the London skyline here. Just add in 4 or 5 wheels with Dots bracelets wrapped around them and build up the rest of the action box with 1x something pieces (Anything bigger and it will bump the wheel pieces off).



Example Billboards  
London Skyline





Star Wars Death Star and Luke Skywalker vs Darth Vader in Cloud City - examples of motorised billboards - tutorial coming soon.



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The Great Wave Off Kanagawa Billboard - Japanese Print Design 1800s - examples of motorised billboards - tutorial coming soon.



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## Examples







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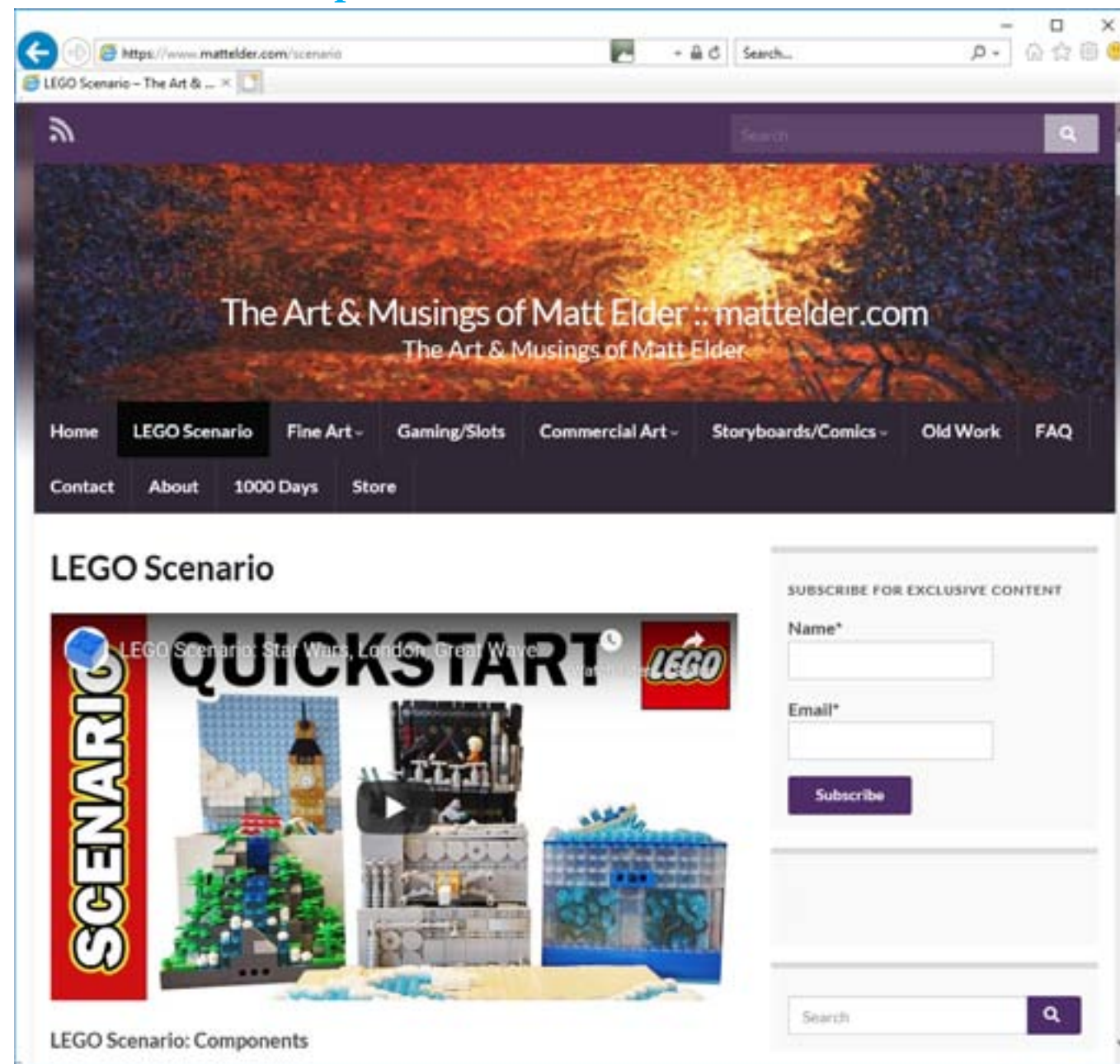
Star Wars spaceships on wheels in action box.



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LEGO Scenario Resources Home Page for further instructions, examples and tutorials  
: <https://www.mattelder.com/scenario>



See Youtube: “Family Bricks” channel for further tutorials and examples



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<https://www.youtube.com/channel/UCMfK9ud6WdxSpePi0cVfYjw>

<https://youtu.be/bkrfedrY-Gg>