

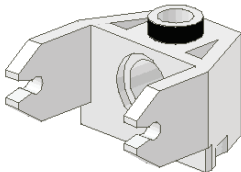
## Awesome Lego parts that can win you a FLL tournament

Over the years there have been thousand of parts made by LEGO. You can find them at BrickLink and many can give you a competitive advantage. Jonathan has compiled some of the more interesting parts. There are thousands more. Happy searching!

### LEGO Magnets

Magnets have been included in specialty kits. They can be used for all kinds of attachments, releasable items, breakaway components, and more.

#### Magnet Holder



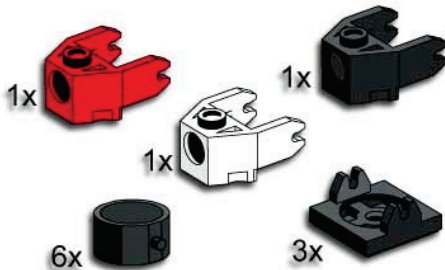
<http://www.bricklink.com/catalogItem.asp?P=2607>

#### Magnet Cylindrical



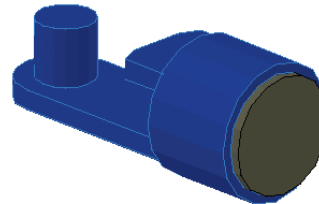
<http://www.bricklink.com/catalogItem.asp?P=73092>

#### Magnets and Magnet Holders



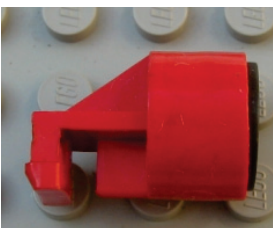
<http://www.bricklink.com/catalogItemPic.asp?S=5397-1>

#### Magnet Coupling, Train, for Train Base



<http://www.bricklink.com/catalogItem.asp?P=735>

#### Magnet Coupling, Train - Short for 722 locomotive power pickup brick



<http://www.bricklink.com/catalogItem.asp?P=x799>



# Cool Parts on BrickLink

FIRST LEGO League Challenge 2010-2011

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Forest Hill, MD 21050  
info@techbrick.com

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## Other Parts



### Offset Crossover 8462

<http://www.bricklink.com/catalogItem.asp?P=32079pb01>

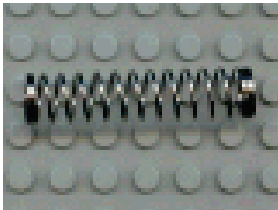
This could be used if you have to beams hit each other to make one to go over the other one.



### Hard Plastic Spoked Giant Thin wheel

<http://www.bricklink.com/store.asp?p=roobert&itemID=12197550>

So this part could be used for a nice wheel to get over things and up things.



### Technic, Shock Absorber 9.5L, Spring (Soft)

<http://www.bricklink.com/catalogItem.asp?P=110a>

This could give your robot great suspension falling off things or could help making a spring powered mechanism.



### Technic, Gearbox 3 x 4 x 1 2/3

<http://www.bricklink.com/catalogItem.asp?P=46217c01>

This could be used as a way to power two wheels with one motor so you can use the other ones for other things.



### Technic, Disk 3 x 3

**If your robot needs decorations these can make it look awesome!**

<http://www.bricklink.com/catalogList.asp?catType=P&catID=638>



### \*Wheel 41 mm Znap Thin Tread, with Black Tire 41 mm Directional Tread

<http://www.bricklink.com/catalogItem.asp?P=32247c01>

If you need a robot that drives straight and true these wheels can make it do that.



### \*Technic Turntable Large Type 2, Complete Assembly with Black outside Gear Section

<http://www.bricklink.com/catalogItem.asp?P=48452cx1>

This can be used as a steering mechanism or as a as a way to turn things around like an attachment.



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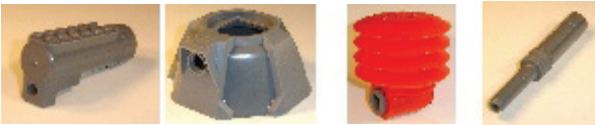
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## Technic, Panel Plate 1 x 5 x 11

<http://www.bricklink.com/catalogItem.asp?P=64782>

These can be used as to push things and protect things



## Air Blast Launcher Air Pump, Air Blast Launcher Base, Air Blast Launcher Injector, and Air Blast Receiver

<http://www.bricklink.com/catalogItem.asp?P=87943>

<http://www.bricklink.com/catalogItem.asp?P=87941>

<http://www.bricklink.com/catalogItem.asp?P=88496>

<http://www.bricklink.com/catalogItem.asp?P=87944>

if you need a something hit but you don't have time to go to it. Use an air powered car with these parts.



## \*Technic Competition Cannon, Round Bottom, Technic Competition Arrow, Liftarm Shaft with Hollow Lt Bluish Gray Rubber End

<http://www.bricklink.com/catalogItem.asp?P=32074>,

<http://www.bricklink.com/catalogItem.asp?P=57028c02>

If you need something hit long range use a Lego® cannon to hit it.



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