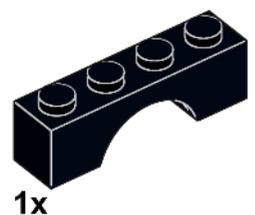
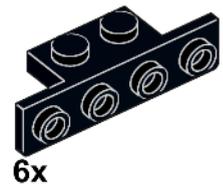
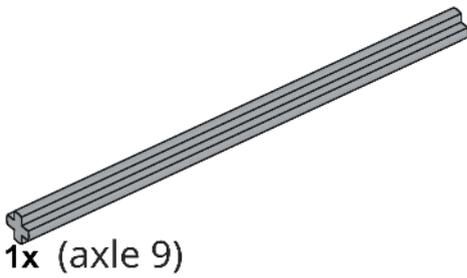
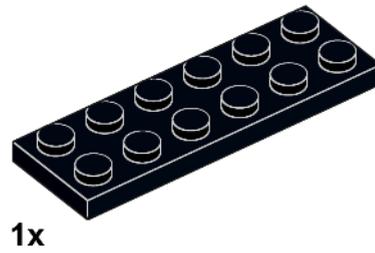
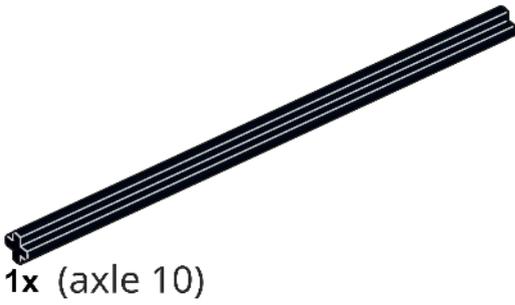


BILL OF MATERIALS





2x



4x



8x



2x



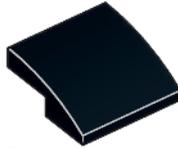
5x



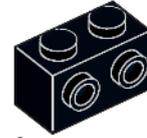
2x



4x



3x



6x



1x



7x



4x



2x



1x



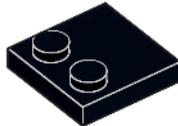
5x



5x



5x



2x



8x



1x



1x



9x



1x



21x



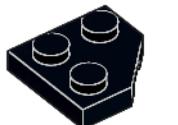
11x



6x



3x



2x



1x



3x



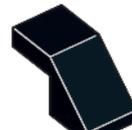
1x



2x



3x



2x



1x



1x



2x



2x



2x



1x



4x



1x



1x



2x



5x



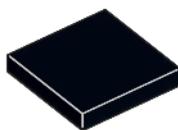
2x



3x



5x



2x



4x



1x



2x



6x



2x



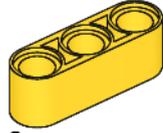
1x



2x



4x



6x



1x



10x



10x



2x



1x



19x



1x



13x



6x



4x



1x



1x



1x



2x



1x



2x



1x (axle 3)



10x



3x



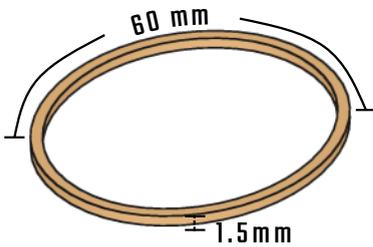
2x



5x

OTHER SUPPLIES

RUBBER BANDS



This rubberband propels the projectiles and is most important for the shooting characteristics. Go for rubber bands with a high rubber content and have a soft stretch. Stiff rubber band don't work very well.

Recommended dimentions are 1/16" x 2.5" (1.5mm x 60mm). This is also known as size **#16** rubber bands.

If you can get additional 1/8" (3mm) thick rubber bands of roughly the same size, this would be preferable. But they are hard to find. Hence, I only used size #16 rubber bands for this build as they are more common.

MECHANISM BAND



The small mechanism band is used exclusively for the trigger. You can use "loom" bands or hair bands. You can get them in bulk for very cheap. Alternatively, you can also use the size #16 rubberbands and just cut them to smaller size.

SPRING

For the magazine release button, a spring is needed. It can be salvaged from broken pens; if you are lucky enough to find one that fits... Second option is to simply buy them. You can find cheap assortment kits with various sizes from Amazon or Aliexpress. Just make sure the outer diameter of the spring is **< 7.8mm** and the inner diameter **> 4.8mm** so it fits nicely around an technic axle.

FIRING STRING

To complete this build you need a piece of string that is at least 30cm long (but preferably longer for some extra wiggle room).

I recommend using braided fishing line. Various other types of nylon string will work as well. From my experience the mechanism is not very sensitive to the string type, material or thickness. So you should be good with any string as long as it's not too thick, naturally, and doesn't stretch out too much over time.