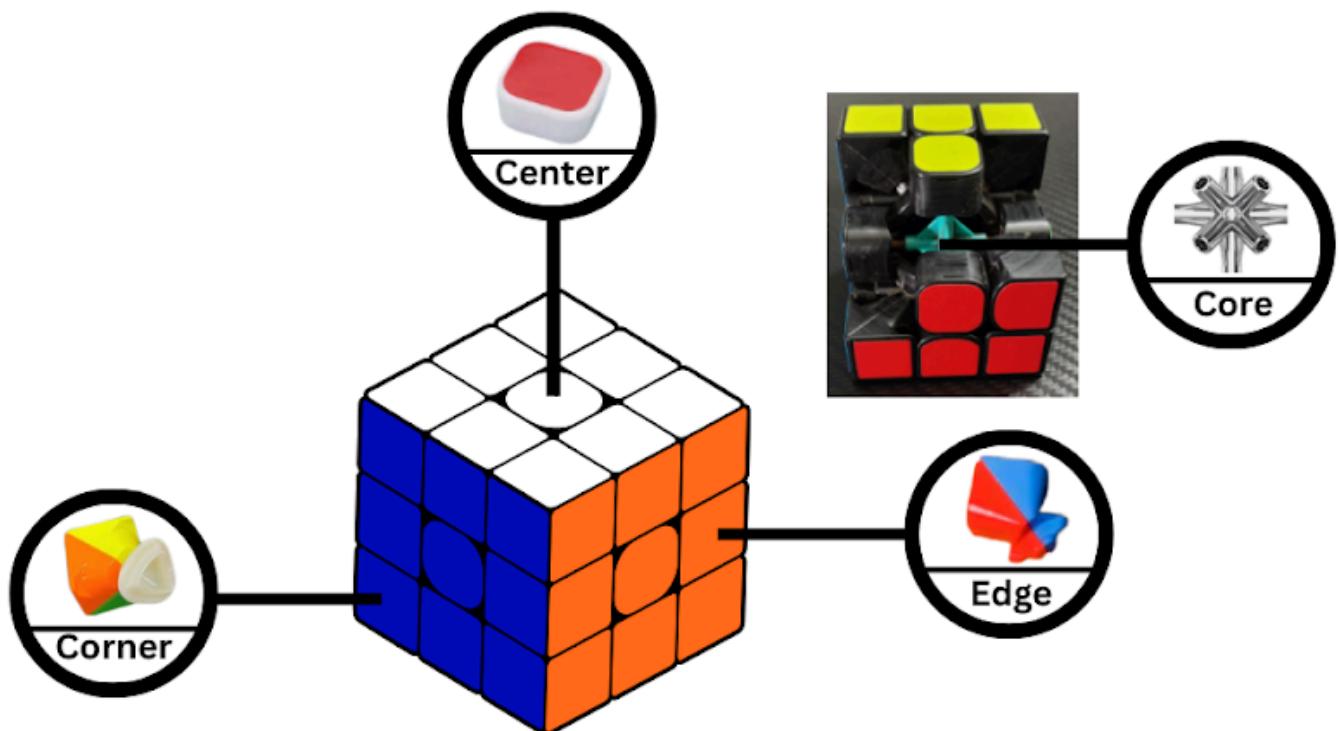


# The Mechanics Part 1

The Rubik's Cube works with interlocking pieces – 8 corners, 12 edges, and 4 center pieces interlocked on a core. There are 2 sorts of cubes – the speed and the Rubik's. The core and centers are locked with a spring/maglev which you can open and adjust if you're using a speedcube. Then, the edges are interlocked with the center. Finally, the corners are interlocked with the edges. To disassemble any cube, turn the cube at a 45° angle and pull an edge out by twisting it. Then, you can pull a corner out, and then everything should come apart.

Here's a diagram I made:



# The Mechanics Part 2

The **edges** look like this:

Speed



Rubik's



The **corners** look like this:

Speed



Rubik's

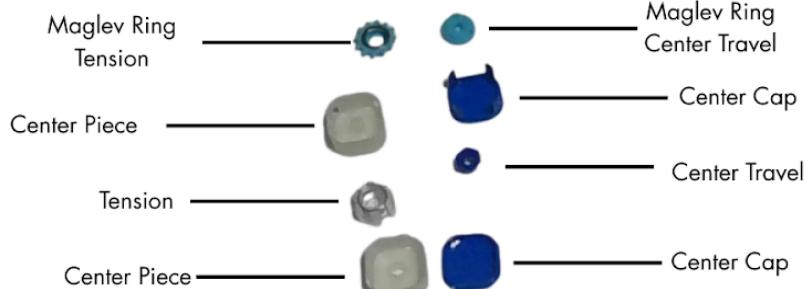


The **centers** look like this:

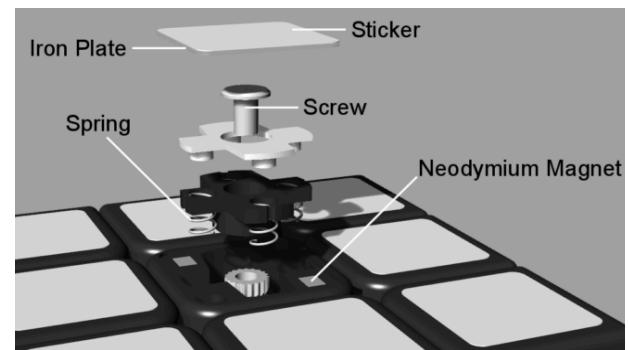
Speedcube (inside):

Center Travel MAKES the the cube tighter

Tension makes the cube FEEL tighter



Maglev means Magnet Levitation



Speed (outside)



Rubik's (outside)



The **cores** look like this:

Speed



Rubik's - old



Rubik's - new



# The Solution

## Methods

The Rubik's Cube can be solved by using many methods like LBL(Layer-By-Layer), which is the beginner's method and there are advanced methods like the new ZB(Zbigniew Zborowski and Ron van Bruchem) and the CFOP(Cross, F2L(First 2 Layers), OLL(Orient the last layer), PLL(Permute the last layer)).

The cube is solved layer-by-layer and not side-by-side. The cube can be solved when you make sure 1 layer is solved. This can be done by checking that 1 side is solved and some of the other sides are solved on the surface touching that side. You can get faster by practicing the methods or even learning a new one.

## How to Tell if a Tutorial is Legit

Fake by @bestcuber196



NOT

RECOMMENDED

Legit by @JPerm



Recommended

Some tutorials claim they will teach you how to solve the Rubik's Cube using a sequence of moves and they are usually a YouTube Short and not a real tutorial. They are made so they can get more money. You can scan the QR Code if you want to.