Rubik’s Cube Tutorial

Method Overview
This is a layer-by-layer method that aims to solve the cube using minimal memorization and intense thinking. This method is broken down into separate and distinct subsets each with a clear and obvious goal. This method is straightforward to practice and can solve any cube no matter the scramble.

Notation Overview & Key
Each face is abbreviated with a letter.
R = Right     L = Left
U = Up         F = Front
B = Back      D = Down
A plain letter = clockwise turn
A (’) symbol = counter-clockwise turn
A 2 = double turn

Daisy
Gather the white edges around the yellow center. This step is entirely intuitive. Start with the easy ones first, then move on to the more difficult cases.

Cross
Match the other color on each white edge with the center of the same color by turning the bottom two layers together. Once matched, perform an F2 turn.

Corners
Place white corner above where it should go by turning the bottom two layers together. This corner should be on the top right. Repeat until the corner is solved. Repeat this step until all corners are solved.

Top Yellow Cross
Line
F
F’
Dot
Line + Angle
Angle*
f
f’

*ƒ = turn front two faces together

Twisting the Last Layer Corners
Flip the cube upside down so that white is on top. Find a corner that needs to be twisted, and put it in the bottom right. Don’t worry if your cube looks messed up during this process; in the end it will resolve itself.

Positioning the Last Layer Corners
Corners can be positioned correctly even though they are twisted. You can rotate the bottom two layers together to get a better view.

Adjacent Swap
Adjacent Swap + Adjacent Swap

Positioning the Last Layer Edges
Put solved edge in front and do:

Now CELEBRATE, you have solved the Rubik’s Cube!