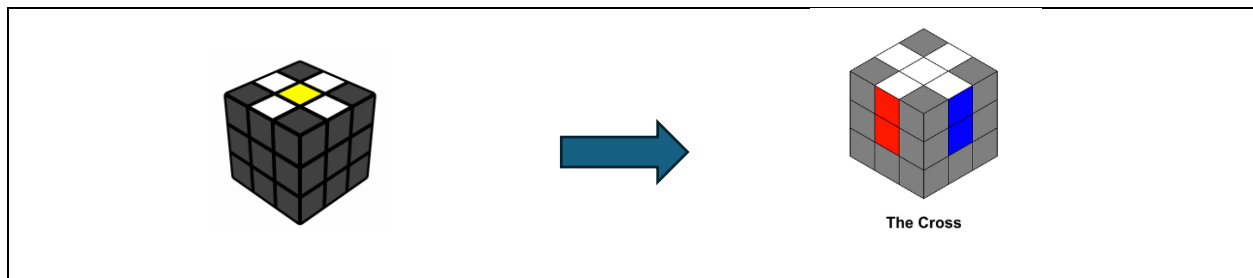


# STEPS ON HOW TO SOLVE THE RUBIK'S CUBE

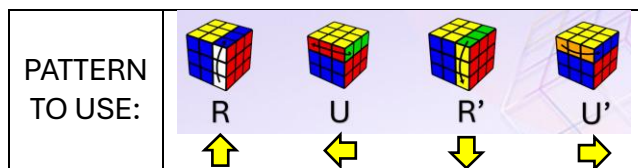
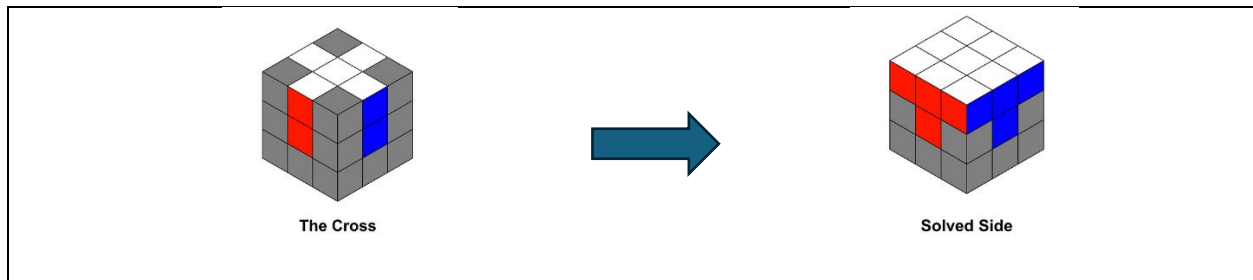
## FIRST STEP: DAISY PATTERN to CROSS

Make sure when making the daisy pattern, the YELLOW CENTER will be on top and surrounded by white EDGES. After making the daisy, make sure to align the edges to the corresponding centers before inserting them to make your cross.



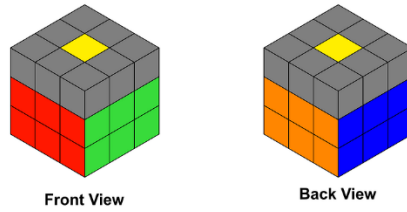
## SECOND STEP: FIRST LAYER

In order to solve the first layer, you need to align the corner first to its corresponding spot and use the given algorithm below. After solving all the corners, make sure that are all aligned and forms a letter "T"



### THIRD STEP: SECOND LAYER

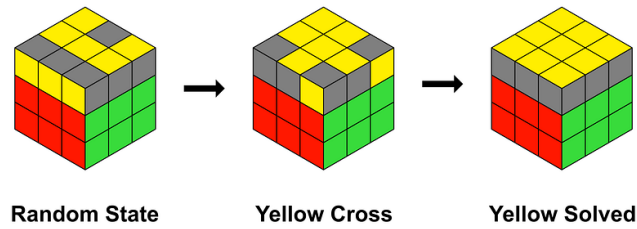
In solving for the second layer, find an edge that does not have a color yellow and align it to its corresponding center. After aligning, make sure to ROTATE THE WHOLE CUBE to the LEFT and determine which slot will the edge go. Algorithms are given below:



<b>FRONT</b>										
	R	U	R	U	R	U'	R'	U'	R'	U'
	↑	←	↑	←	↑	→	↓	→	↓	→
<b>BACK</b>										
	R'	U'	R'	U'	R'	U	R	U	R	U
	↓	→	↓	→	↓	←	↑	←	↑	←

After the second layer is solved, make sure that the first and second layer are all matching and aligned to their corresponding color.

#### FOURTH STEP: Solving the Yellow Cross



There are 3 cases in solving the yellow cross. You just need to follow the corresponding case and do the algorithm shown below.

DOT	SMALL L	LINE
<b>PATTERN TO USE:</b> 		

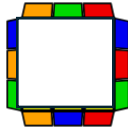
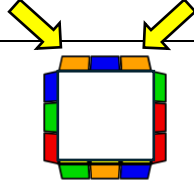

#### FIFTH STEP: FINISHING THE YELLOW TOP

Solving the yellow top has 4 different cases. Make sure to put your cases the same with the given pictures and do the algorithms below until the yellow top will be solved.

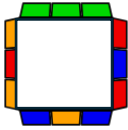
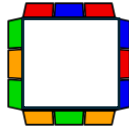

FISH	PLUS	TANK	DOUBLE FISH
<b>PATTERN TO USE:</b> 			

## SIXTH STEP: MAKING THE HEADLIGHTS

Goal in this step is to make headlights for all side of the cube. There are some cases that there are no headlights but there are some cases that there will automatically be headlights for all cases. But if not, use this algorithm:

								
<b>PATTERN TO USE:</b>								
<b>1. Rotate Whole Cube Down (You will now be facing the WHITE side)</b>								
2.								
$R'$ ↓	$U$ ←	$R'$ ↓	$D2$ →	$R$ ↑	$U'$ →	$R'$ ↓	$D2$ →	$R2$ ↑

## SEVENTH STEP: FINISH THE LAST LAYER

										
<b>PATTERN TO USE:</b>										
										
$R$ ↑	$U'$ →	$R$ ↑	$U$ ←	$R$ ↑	$U$ ←	$R$ ↑	$U'$ →	$R'$ ↓	$U'$ →	$R2$ ↑

These are the basic cube notations that we need to learn that will help us memorize algorithms faster and understand the moves in solving the Rubik's Cube.

