RUBIK'S CUBE STARTER PACK

Twist, Turn & Train Your Brain!



What is a Rubik's Cube?

A **Rubik's Cube** is a colourful 3D puzzle with **six sides**. Each side has nine small squares (facelets). Your goal is to turn the cube until every single side shows just one solid colour!

🎯 **YOUR MISSION: Mix it up, learn the moves, and solve it one step at a time!**

Get to Know Your Cube (Anatomy)

A standard 3×3 Rubik's Cube has 6 faces and 6 standard colours: **White, Yellow, Red, Orange, Blue,** and **Green**.



CENTRE

1 colour. Fixed in the middle! It identifies the face colour.



EDGE

2 colours. Found between corners. There are 12 edge pieces.



CORNER

3 colours. Found at the corners. There are 8 corner pieces.

🧠 Your Solving Mindset

"You don't need to solve the whole cube at once. Learn one small step, practise it with patience, and keep going!"

Every Turn Has a Name! (Cube Notation)

Cube moves use letters. A letter by itself means **Clockwise** turn (looking directly at that face). A letter with a prime symbol (′) means **Anticlockwise** (opposite turn).

R
Right Face
Turn Clockwise



R′
Right Prime
Turn Anticlockwise



U
Up (Top) Face
Turn Clockwise



U′
Up Prime
Turn Anticlockwise



L
Left Face
Turn Clockwise



F
Front Face
Turn Clockwise



The 3 Golden Rules of Cubing

RULE 1 — Look Before You Turn
Always identify the target face and check whether your turn is clockwise or prime.

RULE 2 — Move Carefully
One intentional, correct turn is better than ten random fast spins!

RULE 3 — Practise Muscle Memory
Repeating short move sequences trains your hands to remember the steps automatically.

✍ Beginner's Practice Challenge — "Can You Identify the Move?"

1. What does 'R' mean?
A. Turn Right face
B. Turn Front face
C. Turn Top face

2. What does prime (′) mean?
A. Turn twice
B. Opposite direction
C. Stop playing

3. Which piece has 3 colors?
A. Centre piece
B. Edge piece
C. Corner piece

Check your answers on Page 3!

PAGE 3 — YOUR FIRST CUBE CHALLENGE!

Ready, Set, Solve! (The 6-Step Roadmap)

1. **Make the White Cross**
   Match the white edge pieces with the matching side-centre colours.
2. **Solve the White Corners**
   Complete the first layer by slotting white corner pieces in place.
3. **Solve the Middle Layer**
   Move the four middle-layer edge pieces into position.
4. **Make the Yellow Cross**
   Form a yellow cross shape on the top face of the cube.
5. **Finish the Yellow Face**
   Orient the remaining yellow corner pieces to make top yellow.
6. **Solve the Last Layer**
   Position final corners and edges to complete the full 3×3 cube!

**Note: You will learn algorithms—short turn sequences—that move pieces without messing up solved parts!*

🧩 Mini Brain Challenge

Q1: How many faces on a cube?

A. 4 faces
B. 6 faces
C. 8 faces

Q2: What does R′ mean?

A. Turn Right anticlockwise
B. Turn Top clockwise
C. Flip whole cube

Q3: How many total colours?

A. 4 colours
B. 5 colours
C. 6 colours

Q4: What is an algorithm?

A. Random shake
B. Sequence of moves
C. A cube brand

ANSWER KEY (Page 2 & Page 3 Quizzes): Page 2 Quiz: 1-A | 2-B | 3-C •• Page 3 Quiz: 1-B | 2-A | 3-C | 4-B

🏆 Achievement Tracker — Mark Your Progress!

- ☐ I can spot Centre, Edge & Corner pieces.
- ☐ I know what R and R′ turns mean.
- ☐ I can follow a simple move sequence.
- ☐ I am ready to practice solving the cube!

Think Smart. Turn Confidently. Solve Step by Step!
Learn, think, play — with Jainam Online Classes.