







BOOK A FREE WORKSHOP FOR YOUR CHILD!

USA | UK | EUROPE | AUSTRALIA CANADA | DUBAI | SINGAPORE



🕑 contact@winquestonline.com

+1(302)-306-5099 | +(91)743-915-4909





CHESS

INTERACTIVE & ENGAGING LIVE CLASSES

CHESS IS AMONG THE WORLD'S OLDEST AND MOST WIDELY PLAYED BOARD GAMES. THE CAPTIVATING AND TIMELESS GAME COMBINES STRATEGY, SKILL, AND INTELLECT AS IT SIMULATES A CONFLICT BETWEEN TWO KINGDOMS. PLAYED ON AN 8X8 GRID WITH TWO OPPOSING SIDES, IT INVOLVES MOVING 16 PIECES, EACH WITH UNIQUE ABILITIES, TO CAPTURE THE OPPONENT'S KING WHILE SAFEGUARDING YOUR OWN.

''Don't be afraid of making

Big moves

Explo with

Explore the fascinating world of chess WinQuest's engaging and enriching chess classes for kids! Our carefully crafted curriculum is designed to introduce children to the game timeless of strategy and intellect. Through interactive lessons, dynamic gameplay, and expert guidance, young minds will develop thinking, problem-solving critical skills, and a deep appreciation for the art of chess.

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Chess with WinQuest

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Certificate on Completion



Perks of WinQuest

- Certification on completion
- International curriculum
- FIDE Rated Teachers
- Tournaments Every Fortnight

Requirements

- Stable internet connection
- A laptop/desktop to connect to the session
- Chess board is not necessary, students can practise online.





• Interactive and Engaging Live Classes

• One to one session / Group sessions



Benefits of playing chess:

- Playing Chess Is An Excellent Way To Sharpen Your Imagination
- Chess Is a Great Teacher of Success and Failure
- Improves patience
- Creativity Is Encouraged Through The Game Of Chess
- Encourages civil conduct and appreciation for the opponent

/ . . /

- Helps In Strategic Thinking
- Playing Chess May Boost Your Memory



CHESS CURRICULUM

Age Group: 6+

Beginner (20 hours)

- Chess Board, Pieces, and Notation
- Movement of all Pieces
- Capture, Protection, Check, Checkmate
- Mate in 1 (50 puzzles)
- Stalemate, Castling, En-Passant
- Queen Checkmate
- Two Rook Checkmate
- Queen and Helper Checkmate
- Different ways to win and draw the game
- Basic Opening Principles and implementation
- Playing Games and Improving thinking

Intermediate (25 hours)

- Opening Principles
- Pin (10 puzzles), Skewer (15 puzzles), Fork (15 puzzles) Revision
- Discovered Attack (15 puzzles), Double Check (15 puzzles)
- Promotion (10 puzzles), Under Promotion, Fools Mate. and Scholars Mate
- Fair and Unfair exchanges
- Back Rank Mate (15 puzzles)
- Three Phases of the game
- Ideas of the Middle game
- One Rook Checkmate
- Smothered Mate, Arabian Mate, Anastasia's Mate, Boden's Mate, Hook Mate (5 puzzles each)
- Mate in 2 (20 puzzles)
- Playing Games and Improving thinking
- King and Pawns vs King and Pawn (Endgame Planning)
- Mate in 3 (25 puzzles)
- Zugzwang (10 puzzles) and Defensive Principles
- Clearance (15 puzzles)
- Obstruction/Interference (15 puzzles)
- Comparing Knight and Bishop (Open vs Closed Position)
- Two Bishop Mate
- Learning Openings
- Queen vs Pawn on 7th Rank (Win and Draw)
- Playing Sessions with Deep Analysis

Advanced (30 hours)

- (5 puzzles)
- Major pieces

- Queen vs Rook

- Pawn Structures

- Knight Outpost

- Game analysis

• Knight vs Pawn, Opposite Colour Bishops • Mate in 4 (15 puzzles) Rook vs Rook and Pawn Endgames (Rook Endgames) • Fortress (5 puzzles), Decoying (5 puzzles), Windmill (5 puzzles) • Trapping Pieces (5 puzzles), The 7th Rank • Combinations All types with Minor and • Attacking the King (10 puzzles) Stalemate Combinations (10 puzzles) Depth in Middle game Planning • Playing Sessions with Deep Analysis • Types of Weaknesses • Exploiting Weaknesses (5-10 puzzles) Perpetual Check (5-10 puzzles) • Playing on squares (Bishops) Bishop endgames Knight endgames Rook endgames Queen endgames • Pawn endgames

OUR Champions OF CHESS

She got a silver under 800. Lost with a 700 rated player and won with 3 unrated players

Congratulations





Our Champions OFCHESS













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How do I get started?

To get started, you can simply book a demo class or join one of our free workshops. To book a demo class you can click on the "Book a Demo" button and and provide details to schedule the class. For details, please contact Seema at (+91) 74391 54909 or seema@winquestonline.com

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How does payment work?

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What if I miss a class?

For batch classes, we would be able to share a timed recording upon parent's request.For one-on-one sessions, the class would be rescheduled. We request the parents to inform prior in advance in such cases.

Do I need to sign any contract?

All our engagements are based on the terms and conditions and other requirements mentioned in the website. We provide complete flexibility to our students to exit the course anytime if they do not find the classes beneficial to them.

How does the scheduling work with different time zones?

We are providing classes in the USA, Canada, UK, South Africa, Australia, Dubai, Singapore etc. We schedule sessions accordingly to the time comfortable to kids in the respective time Zones

How do I take an update on my child's progress?

For progress tracking we will be providing assessments and homework lessons which will give parents a clear picture of a child's progress. We encourage all Parents to discuss and share their views/feedback on a regular basis to the Teacher or our Institute representative for updates and for us to keep improving and meeting your expectations.

If my kid does not enjoy classes, will WinQuest refund the fees?

We provide complete flexibility to our students to exit the course anytime if they do not find the classes beneficial to them. We will refund fees for those future classes which are not taken by the Student.

Why should I take classes from WinQuest, are they the best?

WinQuest prov highly qualified experience for your kids within provide quality can get indive compete better

Is WinQuest good for Chess Classes?

WinQuest has a team of highly qualified, dedicated and experienced teachers who are experts in their field. All the teachers are FIDE Rated and International Masters who will help you out to be the best in the game.

Will I get a certificate after the course completion?

Yes, We provide certificates after completion of the course. We also encourage students to participate in various competitions which are Internationally recognized.

- WinQuest provides one to one interactive sessions with highly qualified teachers and best-in-class learning experience for
- your kids within your home. We endeavor to
- provide quality education at a reasonable cost, so that Kids can get individual attention and therefore are able to

FAOS



Where are the teachers from?

Most of our teachers are from India.

Why should kids learn chess?

Chess instruction and play have a positive effect on general intelligence and academic performance, particularly in the area of mathematics. It also helps cultivate positive emotions like patience, wisdom, and persistence. Players determined to cheat get punished by the worldwide chess community, which encourages civil conduct and appreciation for the opponent.

What is the right age to start chess?

There isn't a fixed age to start chess, but many experts suggest introducing coding concepts around the ages of 6-8. At this age, children can start with simple concepts like how each piece moves and the basic rules of the game. As they grow older and develop better cognitive skills, they can gradually delve into more advanced strategies and tactics.

Is previous experience required?

No, the course is designed to accommodate complete beginners.

What are the requirements for this course?

For the courses a laptop/desktop to connect to, stable internet connection, and access to websites like https://www.chess.com/ or https://lichess.org/. A board is not necessary.

age]?

We'll recommend you to check out our other courses for your kid's age group.

How are the classes conducted?

Classes are conducted online via Google Meet or Zoom on the scheduled time, whether the classes be 1:1 or in a group.

Will chess help my kid in academics?

Certainly! Learning and playing chess can positively impact your child's academics by enhancing critical thinking, problem-solving skills, concentration, focus, planning, organization, pattern recognition, memory, visualization, emotional intelligence, and confidence.

Is the schedule flexible?

Yes, the time slot of the classes will be scheduled to accommodate your child.

Will my kid learn at his/her own pace?

Yes, the pace of the classes will be adjusted according to the child.

Can an adult join the course? Yes, an adult can join our course but, they have to go for 1:1 sessions.

What to do when my kid runs into a technical issue?

Our teachers and operations team will provide technical support in case of an issue.

What if my child is below [minimum



The Rubik's Cube is a globally renowned 3D puzzle that challenges minds and dexterity. Invented by Ernő Rubik, this iconic cube consists of six faces adorned with colorful stickers, which players twist and turn to mix up the colors. The objective is to restore the cube to its original configuration, with each face showing a single color. Solving the Rubik's Cube requires logic, spatial awareness, and problem-solving skills, making it a beloved pastime and brain-teasing challenge for enthusiasts of all ages.

WinQuest Online Education

- Live Interactive Classes
- 1:1 and group classes
- Classes available across USA, UK, Europe, Australia, Singapore, Dubai, etc.
- Convenient & flexible scheduling
- No contracts or hidden fees
- Free Demo Class
- For kids aged 6 years and above
- Highly qualified tutors
- Different types of cubes covered
- Speed cubing and advanced cubing also available

Benefits of solving Rubik's Cube:

Solving Rubik's Cubes introduces your kids sets up your kids for a holistic learning experience. Beyond entertainment, these colorful puzzles nurture critical thinking, spatial awareness, fine motor skills, and algorithmic thinking. As they decipher complex patterns and strategize to solve the cube, they develop patience, focus, and problem-solving abilities This engaging pursuit fosters selfconfidence, boosts mental agility, and instills a sense of achievement.

Rubik's Cube with WinQuest:

Unveil the secrets of the Rubik's Cube with WinQuest's captivating classes. Our Rubik's Cube experts guide participants of all skill levels through solving techniques, algorithms, and strategies. Whether you're a beginner or aspiring to become a speedcuber, our engaging lessons will empower you to conquer the puzzle. Join us at WinQuest for an exciting Rubik's Cube learning experience that enhances cognitive skills, fosters perseverance, and sparks a passion for puzzling.

2x2 Cubes

A 2x2 cube, often referred to as the "2x2 Rubik's Cube," "Pocket Cube," or "Mini Cube," is a smaller and simpler version of the classic 3x3 Rubik's Cube puzzle. It is a three-dimensional mechanical puzzle that consists of smaller cubes, also known as "cubies," arranged in a 2x2x2 configuration. Unlike the 3x3 cube, which has 6 faces and 54 stickers, the 2x2 cube has only 4 faces and 24 stickers.



Curriculum:

Lesson 1 - Introduction

- Introduction to the 2x2 Rubik's Cube and its basic mechanics.
- Understanding the goal: to have all sides of the cube with the same color.
- Observing the different sides and colors of the cube.

Lesson 2 - Solving the First Layer

- Learning to solve the first layer (one color) intuitively.
- Starting with the white face since it's the easiest to recognize.

Lesson 3 - Completing the First Layer

- Aligning the corners correctly.
- Hands-on practice.

Lesson 4 - Solving the Opposite Layer

- Matching the colors intuitively and solve it layer by layer.

Lesson 5 - Review and Speed

- Reviewing the entire solving process.
- Regular pratice and improved time.
- Tricks to improve speed

3x3 cubes:



A 3x3 cube, commonly known as the "3x3 Rubik's Cube" or simply the "Rubik's Cube," is the three-dimensional standard mechanical puzzle. It consists of a cube with six faces, each smaller up made of nine squares called "cubies." The puzzle is characterized by its colorful stickers on each face, which can be of various colors but traditionally include white, yellow, blue, green, red, and orange.

Curriculum:

Lesson 1: Cube Familiarization

- Introduction to the 3x3 Rubik's Cube
- Understanding the cube's structure and colors
- Basic cube terminology

Lesson 2: Solving the First Layer

- Solving the first layer cross
- Completing the first layer corners

Lesson 3: Second Layer

 Understanding and solving the second layer

Age Group: 7+

Duration: 7 sessions

Requirements:

Stable internet connection
Device to connect to the session
3x3 cube

Prerequisites:

• Knowledge of solving a 2x2 cube recommended

Lesson 4: Solving the Third Layer Edges

Solving the third layer edges
Introduction to the concept of algorithms

Lesson 5: Third Layer Corners

Solving the third layer corners
Introduction to more advanced algorithms





A 4x4 cube, often referred to as the "4x4 Rubik's Cube" or "Rubik's Revenge," is a larger and more complex mechanical puzzle than the traditional 3x3 Rubik's Cube. Like the 3x3 cube, it consists of cube-shaped structure C made up of smaller cubies, but it is larger and has more features.

The 4x4 cube has four on each layers axis, meaning it has a total of 16 smaller squares on each face, making a total of 96 individual stickers. Unlike the 3x3 cube, the cube has 4x4 mechanism that allows each of the four center cubies on each face to independently, rotate adding an extra layer of complexity to the puzzle.

Age Group: 7+

Duration: 10 lessons

Requirements: Stable internet connection Device to connect to the session • 4x4 cube

Prerequisites: • Knowledge of solving a 3x3 cube



Lesson 1: Cube Introduction and Notation

- Introduction to the 4x4 Rubik's Cube
- Understanding cube notation
- Basic cube terminology

Lesson 2: Centers and Edges

- Solving the center and edge pieces of each face
- Building the centers of the cube

Lesson 3: Pairing Edges

- Pairing up the edges correctly
- Introduction to edge pairing algorithms

Curriculum 4x4 Cubes

Lesson 4: First Two Layers

Lesson 5: OLL Parity

Lesson 6: PLL Parity

Lesson 7: Last Layer









• Solving the first two layers using edge pairing

• Strategies for solving efficiently

• Understanding OLL parity and how to fix it • Practice exercises

• Introduction to PLL parity • Solving PLL parity cases

• Solving the final layer using advanced techniques • Introduction to 4x4 cube-specific algorithms



Curriculum

Lesson 1: Introduction to Speed Cubing

- Discuss the basics of speed cubing.
- Introduction to the standard Rubik's Cube notation.
- Learn the importance of finger techniques and efficient moves.

Lesson 2: Cross and F2L (First 2 Layers)

- Review solving the cross on the white face.
- Introduction to F2L technique for the first two layers.
- Practice solving the cross and F2L pairs efficiently.

Lesson 3: Advanced F2L

- Explore more advanced F2L techniques.
- Learn to recognize and solve F2L pairs without rotating the cube.
- Practice F2L algorithms for speed.

3x3 Speed Cubing:

3x3 speed cubing refers to the competitive sport of solving the standard 3x3 Rubik's Cube as quickly as possible.



Lesson 4: 2-Look OLL (Orientation of Last Layer)

Age group: 7+

Duration: 10 sessions

Requirements: Stable internet connection Device to connect to the session 3x3 cube **Prerequisites:** Knowledge of solving a 3x3 cube

• Introduce 2-Look OLL method for the last layer. • Practice recognizing and orienting the last layer pieces.

Lesson 5: 2-Look PLL (Permutation of Last Layer)

• Introduce 2-Look PLL method for the last layer.

• Practice recognizing and permuting the last layer pieces.

Curriculum

Lesson 6: Full CFOP (Cross, F2L, OLL, PLL)

- Combine all the CFOP components into a single solve.
- Work on improving efficiency and lookahead during solves.

Lesson 7: Advanced Techniques

- Explore advanced techniques such as lookahead, finger tricks, and efficient turning.
- Practice executing algorithms quickly and accurately.

Lesson 8: Timing and Inspection

- Introduce the concept of inspection time.
- Learn how to plan the first few moves during inspection.
- Practice solving with a timer and record solving times.

3x3 Speed Cubing:

3x3 speed cubing refers to the competitive sport of solving the standard 3x3 Rubik's Cube as quickly as possible.

Lesson 9: Solve Optimization

 Analyze solves and identify areas for improvement. • Practice solving while minimizing pauses and optimizing move sequences.

Lesson 10: Mock Competition Simulate a speed cubing competition setting. Perform timed solves and review the results. Discuss strategies for competing in actual speed cubing events.

Pyramid Cube/ Pyraminx



A Pyraminx is a pyramid-shaped puzzle similar to the Rubik's Cube but with a different structure and solving mechanism. It was invented by Uwe Mèffert in 1971 and has become a popular twisty puzzle. The Pyraminx consists of four triangular faces, each divided into nine smaller triangular stickers, for a total of 36 stickers. Unlike the Rubik's Cube, the Pyraminx has no center or core piece.

Curriculum:

Level 1: Introduction to the Pyramid Cube (Pyraminx)

Cube Familiarization

- Introduction to the Pyraminx, its unique features, and solving concepts.
- Learn the notation specific to the Pyraminx.
- Practice basic moves and handling of the cube.

Solving the Tips

- Understand the importance of solving the tips (1st layer) first.
- Learn strategies to solve the tip pieces.

Level 2: Solving the Second Layer (2nd Layer)

Week 5-6: Pairing Edge Pieces

- Learn how to pair edge pieces correctly in the 2nd layer.
- Practice solving the 2nd layer while maintaining a solved 1st layer.

Layer

Age Group: 7+

Duration: 7 sessions

Requirements: Stable internet connection Device to connect to the session • 3x3 cube

Prerequisites: • Knowledge of solving a 3x3 cube recommended

Level 3: Solving the Third

Solving the Final Layer • Develop techniques to solve the final layer efficiently. • Learn algorithms for solving the final layer one piece at a time.

Mirror Cube



A Mirror Cube, also known as a Mirror Blocks or Mirror Twisty Puzzle, is a variation of the classic Rubik's Cube. What sets the Mirror Cube apart is its unique and irregular shape. Unlike the standard Rubik's Cube, which has uniformly sized cubies on each face, the Mirror Cube features cubies of various sizes and shapes. This creates a distorted and

eye-catching appearance.



Curriculum

Level 1: Introduction to the Mirror Cube

Cube Familiarization

- Introduction to the Mirror Cube, its unique features, and solving concepts.
- Learn the notation specific to the Mirror Cube.
- Practice basic moves and handling of the cube.

Solving One Face

- Understand the importance of solving one face first.
- Learn strategies to solve the face's center and edge pieces.

Level 2: Solving Adjacent Faces

Solving Adjacent Faces

- Develop techniques to solve adjacent faces efficiently.
- Learn algorithms for solving the center and edge pieces of adjacent faces.

Age Group: 7+

Duration: 7 sessions

Requirements: • Stable internet connection • Device to connect to the session • 3x3 cube

Prerequisites: • Knowledge of solving a 2x2 cube recommended



Level 3: Solving Opposite Faces

Solving Opposite Faces
Explore methods to solve opposite faces while maintaining solved adjacent faces.

• Learn algorithms for solving center and edge pieces of opposite faces.

How Do I get started?

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makes **Rubik's** What cubes captivating?

What makes Rubik's Cubes captivating is their intricate design and the challenge they pose. The vibrant colors and interlocking mechanism draw the eye, while the complexity of solving keeps the mind engaged. The sense of accomplishment when aligning the colors and completing the puzzle provides a satisfying feeling. The endless possibilities of combinations and the pursuit of finding the solution stimulate determination. curiosity and This captivating nature makes Rubik's Cubes both a visual delight and a mental workout, appealing to individuals of all ages.

How does payment work?

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Is the schedule flexible?

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Can an adult join the course?

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Where are the teachers from?

Most of our teachers are from India.

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We are providing classes in the USA, Canada, UK, South Africa, Australia, Dubai, Singapore etc. We schedule sessions accordingly to the time comfortable to kids in the respective time Zones

Is previous experience required?

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What are the requirements for this course? For the courses a laptop/desktop to connect to, stable internet connection, and the specific cube will be required.

What if my child is below [minimum age]? We'll recommend you to check out our other courses for your kid's age group.

How are the classes conducted?

Classes are conducted online via Google Meet or Zoom on the scheduled time, whether the classes be 1:1 or in a group.

Will solving Rubik's cubes help my kid in academics?

Absolutely! Solving Rubik's Cubes offers academic benefits for kids. As they engage with these puzzles, they naturally develop cognitive skills like critical thinking, spatial awareness, and pattern recognition. These skills extend to algorithmic thinking and fine motor control, benefiting subjects such as mathematics, science, and even programming. The focus and persistence cultivated while solving the cube enhance concentration and problem-solving abilities. Successfully completing the cube boosts confidence and encourages a academic positive attitude towards challenges. Overall, Rubik's Cube solving fosters a range of skills that can contribute to improved academic performance and a well-rounded educational experience.

Why sho Cubes?

Kids should learn to solve Rubik's Cubes because it offers a range of cognitive, motor, and personal development benefits. Solving a Rubik's Cube enhances critical thinking and problem-solving skills as they decipher patterns and strategize solutions. It cultivates patience and persistence, teaching them the value of working through challenges. Manipulating the cube improves spatial awareness, fine motor skills, and hand-eye coordination. Additionally, solving the cube introduces algorithmic thinking and boosts selfconfidence. It sharpens focus, concentration, and mental agility while providing a sense of achievement. Learning to solve Rubik's Cubes combines fun with education, making it an ideal activity for enhancing various skills in an engaging manner.

What is the right age to start solving Rubik's cubes?

There isn't a specific age to start solving Rubik's Cubes, as it largely depends on the child's individual development and interest. Generally, kids as young as 7 years old can begin learning the basics, especially if they show an inclination towards puzzles and challenges. However, older kids and teenagers can also enjoy and benefit from solving Rubik's Cubes. The key is to introduce it when the child is curious and open to learning, as it involves critical thinking and spatial reasoning skills that continue to develop with practice.

Why should kids learn to solve Rubik's

Our Rubik Cube Champs





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Testimonials







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