IQ Boosting, Critical Thinking and Reasoning Workshops

4.5 to 14 years

by

Neeta Khilnani

Ex-CRISIL, Ex-Batlivala and Karani, CFA US (Level 1),
PG Finance (NITIE)

Why Critical Thinking and Reasoning for Early Kids?

- ✓ Known to enhance IQ; further, reasoning section appears in most competitive exams for higher education.
- ✓ Taps right and left brain aspects leading to all round brain development
- ✓ Fosters creative thinking, problem solving and logical thinking skills which are essential for real life situations
- ✓ Supports academic growth along with key concepts (time, distance, money, measurements) explained in a fun and practical format.

Workshop higlights:

- ✓ Small batches – only 2 to 5 kids at any point in time.
- ✓ Customised age-specific session duration based on attention span - 40 minutes session duration for kids up to 7 years; 1 hour for kids aged 8 to 14 years.
- ✓ Professional, friendly and best in-class tutors giving individual care and attention to every child.
- ✓ 1x1 batches available; including customised training for specific Indian and global competitive reasoning and IQ based exams

4.5 to 6 years

This is only an age-guide; please refer to the sample activities to decide which level you want to opt for.

Pre-requisite: The child should know A to Z, numbers 1-30, simple three words, phonic sounds, simple addition and subtraction on fingers

Course Outline:

Topics covered:

- **Visual Reasoning:** Shapes, Sequence, Patterns
- **Numerical Reasoning:** Numbers and Alphabet patterns
- **Verbal Reasoning:** Cracking the code – finding the hidden relationship between two numbers and letters
- **Logical Reasoning:** Logical inferences and deductions based on situation provided in the question.
- **Picture Reading:** Finding wrong things in the picture, observing the picture and answering logical questions.
- **Life Skills:** Concept of clock, calendar, numbers, measurements, money and savings, shapes and data reading explained through fun activities
- **General Knowledge themes:** Trip to space, national park, under the ocean, desert, palace, around the world – exploring the theme and solving reasoning activities on this journey
- **Brain games:** Memory games, Sudoku, Scavenger Hunt

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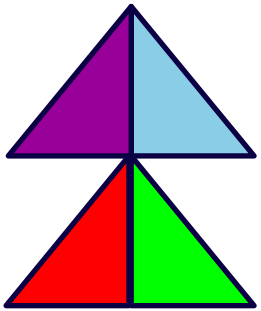
Sample Activities

Complete the Sequence

Can you fill the colours in the No.4 shape?

1



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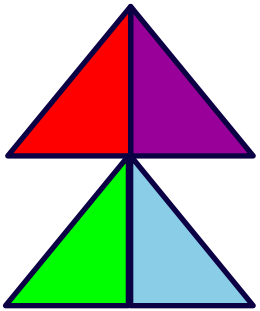

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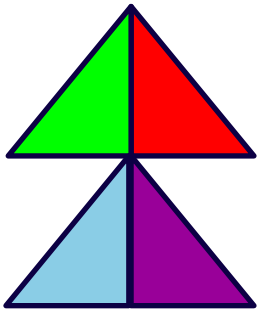

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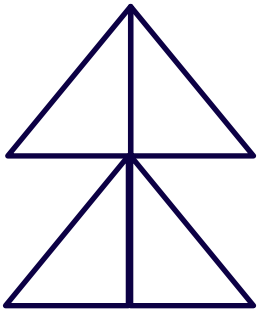

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Sample Activities

Picture Reading

Look at the picture and answer the questions:

- Who definitely lives in this house?
- There are three things wrong in this picture. Find it.
- What must have the person in this house eaten?

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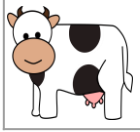
Sample Activities

Crack the Code

Step 1: Look at this table

1	2	3	4	5	6	7	8	9	10
									

Step 2: Write down the starting letter of the pictures in the following code:

6 4 1 7 3

Step 3: From these letters, you can make 4 words whose pictures are there in the table. Write down the numbers for those pictures starting from the smallest number to the biggest number.

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Sample Activities

Logical Thinking: Open the Fence!

To open the fence, you have to take out something which does not belong here. What is it?

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Fee Structure

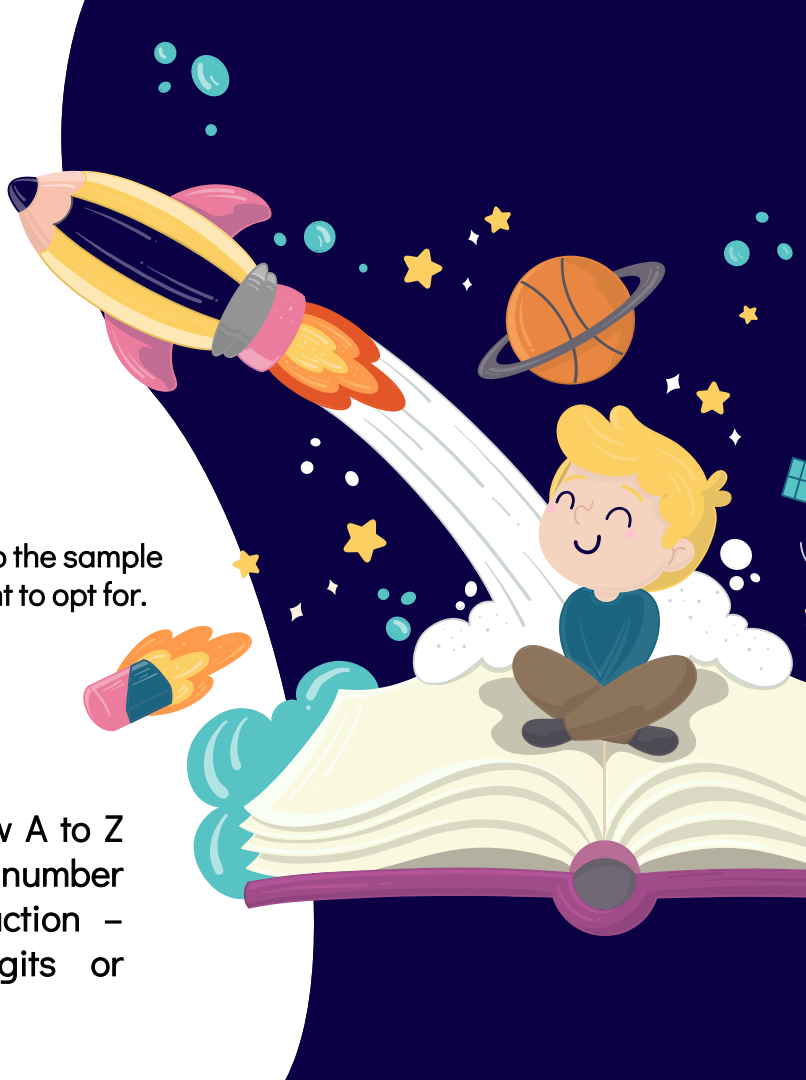
1 Session = 40 mins

	Group	1x1
Monthly – 8 sessions	Rs 1,450	Rs 2,900
6 monthly – 48 sessions	Rs 8,300	Rs 16,600
1 year – 96 sessions	Rs 16,000	Rs 32,000

The above pricing is valid for regular IST slots (8 AM IST to 9 PM IST) only

6 to 7.5 years

This is only an age-guide; please refer to the sample activities to decide which level you want to opt for.



Pre-requisite: The child should know A to Z and numbers 1-100, planet names, number place values, addition and subtraction – single digits added to two digits or subtracted from two digits

Course Outline:

Topics covered:

- **Visual Reasoning:** Shapes, Sequence, Patterns
- **Numerical Reasoning:** Numbers and Alphabet patterns
- **Verbal Reasoning:** Cracking the code – finding the hidden relationship between two numbers and letters
- **Logical Reasoning:** Logical inferences and deductions based on situation provided in the question.
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- **General Knowledge themes:** Trip to space, national park, under the ocean, desert, palace, around the world – exploring the theme and solving reasoning activities on this journey
- **Brain games:** Memory games, Sudoku, Scavenger Hunt

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Sample Activities

Complete the Sequence

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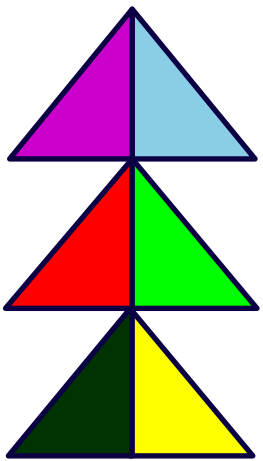

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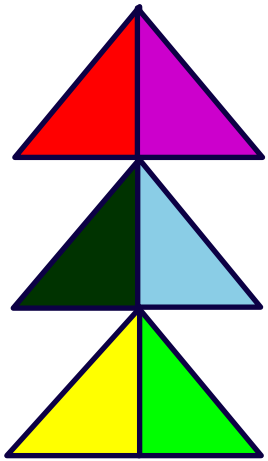

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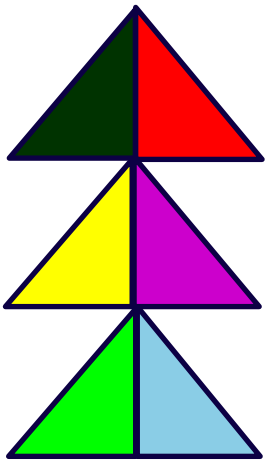

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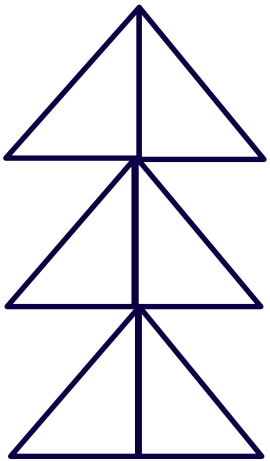

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Sample Activities

Picture Reading

Look at the picture and answer the questions:

- Who definitely lives in this house?
- There are three things wrong in this picture. Find it.
- What must have the person in this house eaten?

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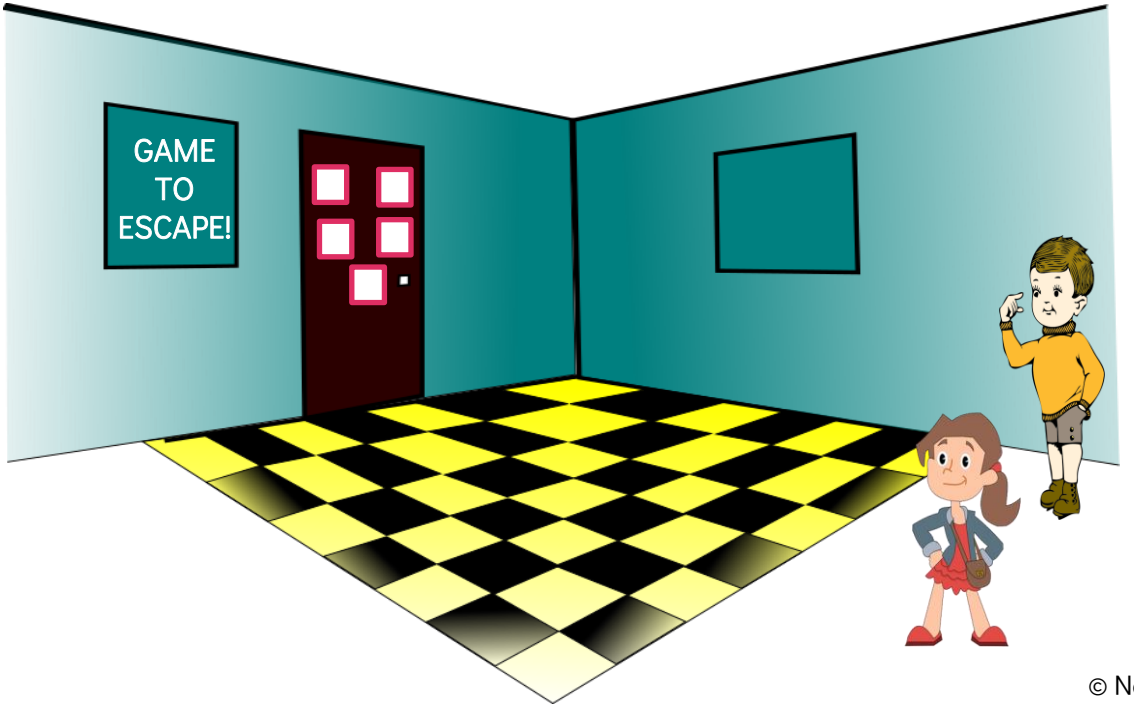
Sample Activities

GK- based riddle

Raj and Raji have to get out of the room by entering the code to open the door. The hint of the code is on the window! Can you crack it?



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Sample Activities

Crack the Code!

If A = Z, B= Y, C = X, D = W and so on, how will you write the following:

M O N K E Y

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Fee Structure

1 Session = 40 mins

	Group	1x1
Monthly – 8 sessions	Rs 1,450	Rs 2,900
6 monthly – 48 sessions	Rs 8,300	Rs 16,600
1 year – 96 sessions	Rs 16,000	Rs 32,000

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8 to 11 years

This is only an age-guide; please refer to the sample activities to decide which level you want to opt for.

Pre-requisite: The child should know two-digit multiplication, division and tables up-to 12.

Course Outline:

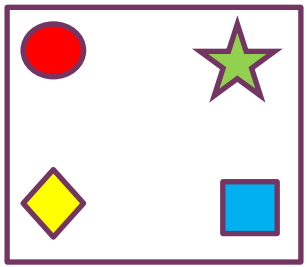
Topics covered:

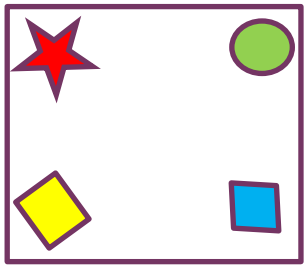
- **IQ and Critical Thinking:** Picture Reading, Logical thinking, and out of the box activities
- **Brain games:** Memory games, Sudoku, Scavenger Hunt
- **Visual Reasoning:** Shapes, Sequence, Patterns
- **Numerical Reasoning:** Mathematics based reasoning
- **Verbal Reasoning:** Cracking the code, arrangement of letters, general knowledge based questions
- **Logical Reasoning:** Logical inferences and deductions based on situation provided in the question.
- **Spatial Reasoning:** Understanding 3 dimensional objects and placement questions
- **Gamified math sessions:** Questions covering real world mathematical problems in gamified format.

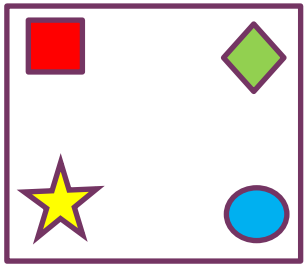
Sample Activities

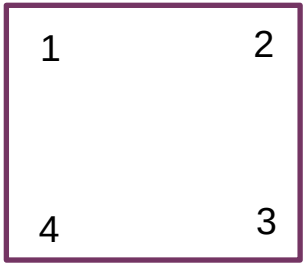
Complete the Sequence

Can you complete the No.4 shape?









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Sample Activities

Crack the Code!

Look at the picture and answer the questions:

If A = 10, B = 20, J= 1, K=11, S =91, T =2 and so on, how will you write the following:

WISH YOU A NICE DAY.

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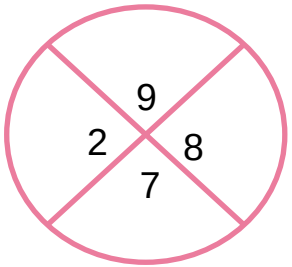
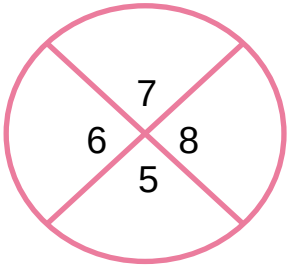
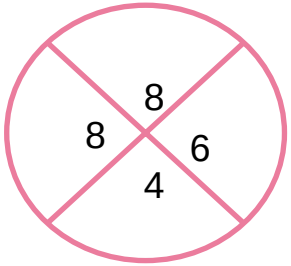
Sample Activities

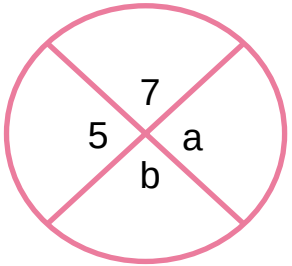
Numerical Reasoning

Look at the pattern below and fill in the missing numbers.









The options are in the order of a, b:

a. 5, 3

b. 7, 2

c. 6, 9

d. 5, 7

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Sample Activities

Logical Reasoning

Five best friends – Nam, Pam, Sam, Lam and Tam visited a zoo. Each of them saw five different animals – a monkey, giraffe, elephant, hippopotamus and deer. You know that:

- Sam did not see any water animal nor did he see any swinging animal.
- Lam did not see any animal which have letters in his name.
- Tam saw the animal from whose name you can make his name.
- Nam did not see the swinging animal.

i. Who saw the swinging animal?

ii. Sam either saw the Giraffe or the Elephant – True, False or Cannot Say.

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Fee Structure

1 Session = 60 mins

	Group	1x1
Monthly – 4 sessions	Rs 1, 100	Rs 2,200
6 monthly – 24 sessions	Rs 6,300	Rs 12,600
1 year – 48 sessions	Rs 12,200	Rs 24,400

*Additional add-on: Domestic delivery of age appropriate books (set of 3) and 50 magical flash cards by Luma World, India's premiere education design company at discounted rate.

*The above pricing is valid for regular IST slots (8 AM IST to 9 PM IST) only

12 to 14 years

This is only an age-guide; please refer to the sample activities to decide which level you want to opt for.

Pre-requisite: The child should know three-digit multiplication, division, ratios, decimals, probability, variables, measurements, profit/loss

Course Outline:

Topics covered:

- **IQ and Critical Thinking:** Logical thinking, and multi-variable critical thinking activities.
- **Visual Reasoning:** Shapes, Sequence, Patterns
- **Numerical Reasoning:** Mathematics based reasoning
- **Verbal Reasoning:** Cracking the code, arrangement of letters, general knowledge based questions
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- **Gamified math sessions:** Questions covering real world mathematical problems in gamified format.

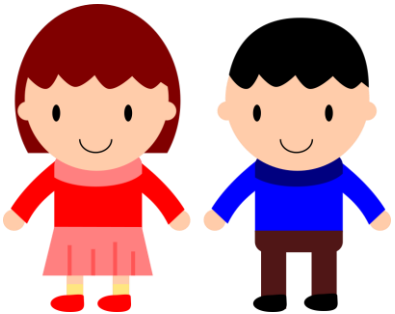
Group solving will be encouraged – this helps in building team skills as well.

Sample Activities

Marble Collection

Jack and Jill love collecting marbles. Both of them own some blue marbles and some green marbles.

The blue to green marbles ratio in Jill's collection is 7:2, while the same ratio is 6:3 for Jack. They both have the same number of green marbles. What is the ratio of the total amount of marbles Jill has to the total amount of marbles that Jack has?



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Sample Activities

Choose your subject!

There are six students – A, B, C, D, E , and F each having to choose one optional subject and one compulsory subject. Find out their choices.

- A chooses English as an optional subject which was chosen as a compulsory subject for 3 others.
- B and C have Mathematics as one of their subjects.
- C's compulsory subject is History which is optional subject for B and D.
- E's compulsory subject is English and optional subject is Physics.
- Chemistry is only opted by 2 students – one as optional and one as compulsory.
- There is only male in the group who has History as the optional subject and English as the compulsory one.

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Sample Activities

Complete the pattern!

A	H		A		
H	G	G	1		
G			B		
D	3				
B	A	C	B		

Look at the pattern below and fill in the missing grey boxes.

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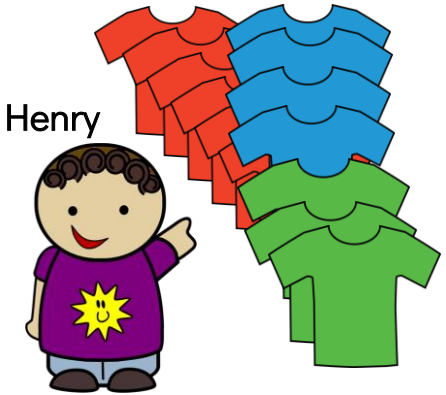
Sample Activities

Valuable Shirts!

Jack, Peter and Henry each have a pile of shirts. Nancy's shirt collection is worth half the value of Peter's shirt collection plus one red shirt, one blue shirt and one green shirt.

One red shirt fetches one half of the price of a blue shirt at the auction, while a green shirt fetches one quarter of the blue shirt's price. Rank them in the ascending order of the value of shirt collection.



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Worksheets

Critical Thinking Worksheets for Grade 1, 2 and 3

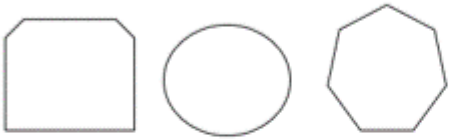
- ✓ 101 IQ Boosting and Logical Reasoning Worksheets (black and white, spiral binded copy) for Grade 1, 2 and 3 delivered to your doorstep for Rs 499/- inclusive of delivery in India.
- ✓ Activities that tap left and right brain aspects and sharpen IQ.
- ✓ Activities in line with global competitive exams.
- ✓ The more practice, the smarter your child gets!

Buy from here

Sample Activities

1. Observe the pattern and write the answers in the empty blanks.

= 5 3 4



= ___ ___ ___

2. Situation Riddle: Fill in the blank

One day, Jack entered an ice-cream parlor. There were four flavors of ice-cream – Chocolate, Strawberry, Vanilla and _____.

Jack: "What is the fourth flavor?"

Chef: "Please go and ask that man outside."

Jack: "But why are you not telling me?"

Chef: "I have. It is hidden in what I told you. Think. Think!"

Sample Activities

8. Whose turn!

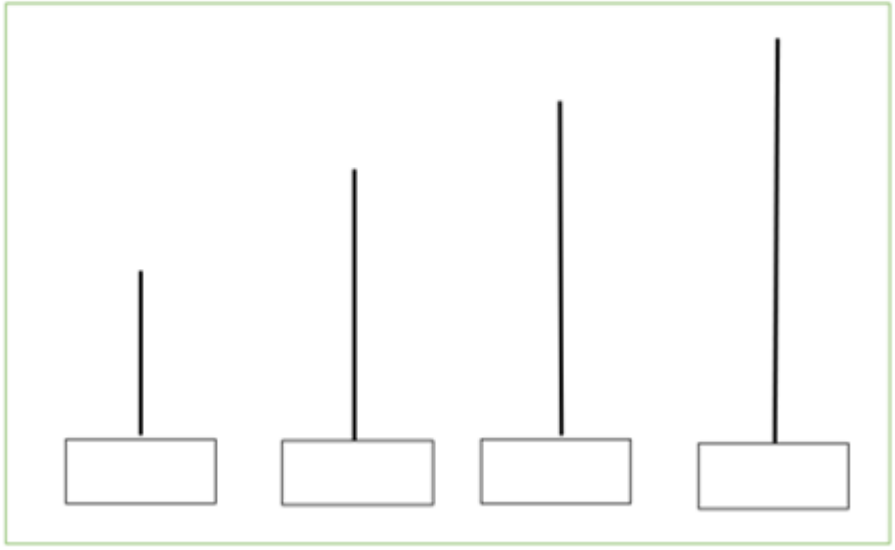
Jack and Jill are playing a game of chess. Whose turn will it be after 5 rounds?

Colour that person.

Sample Activities

84. Logical Reasoning – Standing in a line

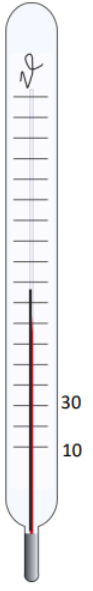
Harry, Jack, Peter and Mary are standing in a line. Harry is taller than Mary but shorter than Peter. Jack is shorter than Mary. Write down the correct names in the below lines.

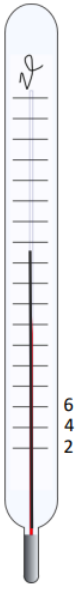


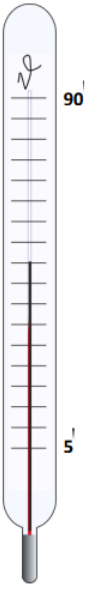
Sample Activities

101. Measure it

Write the measurements that is indicated in the each of the three thermometers.







Testimonials

“Thanks Neeta! All the sessions were amazing. To be honest there was a bit of apprehension from my side because Paarth does not have any past experience in attending analytical classes like you conduct. But at the end he enjoyed all fun activities from the classes and I must appreciate that you’ll have a lot of patience to manage and train kids of my son’s age, who is six. I tried a few times to play Sudoku with him but it went in vain, however your teaching not only has given him confidence to solve it by himself but now he has keen interest to play as well.”

- Babul Solanki, Hong Kong

“Thank you Ma’am for amazing Sessions. Aadir simply loves your classes. Please let me know about your next batch. He says that he doesn’t want to miss these classes.”

- Tasha Dhingra, India

“The course is very good and she is enjoying the classes...we’ll have to find a way out to complete the course.”

- Ashu Gupta, India

“Just wanted to thank you for the amazing sessions. It was very engaging and a great learning platform and at the same time so much of fun! So grateful my son got a chance to do this as to find something like this is very rare. It really channelizes his thinking. Excited and looking forward to doing the next series. ”

- Gunjan Lekhrajani, Dubai

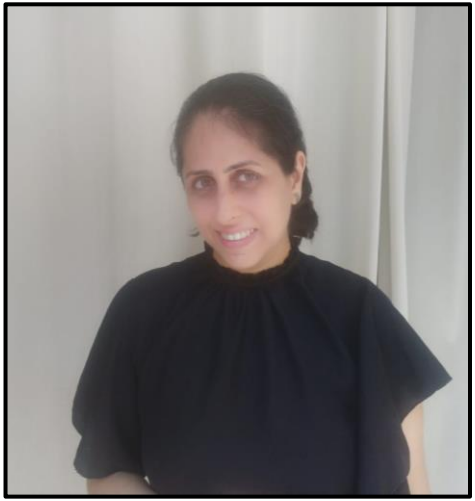
“Maanya enjoyed all the classes as well as parties organized by you. Hope more in coming time.. your quizzes make our children sharp.. thank you eagerly waiting for more.”

- Ranjana Agarwal, India

...and a lot more on www.neetakhilnani.com

About

Neeta Khilnani is an early child educator based in Mumbai, India. She completed her PG in Finance from National Institute of Industrial Engineering. In her equity research career spanning 8 years across firms such as CRISIL, Ventura Securities and Batlivala and Karani Securities, she independently authored numerous research reports across different sectors.



Since 2020, she has shifted gears to coaching children aged 5 to 14 years on IQ Boosting, Logical Reasoning and Critical Thinking activities. Her book, 'Activity Book for Brain Development – Based on Associative and Conceptual Learning techniques' has received excellent reviews on Amazon.

She along with her team of young and talented tutors have coached over 500+ kids from India, China, United Kingdom, United States of America, Australia, UAE and Ghana, since launch.

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LEARNBUDDY

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READ. REFUND. REPEAT

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