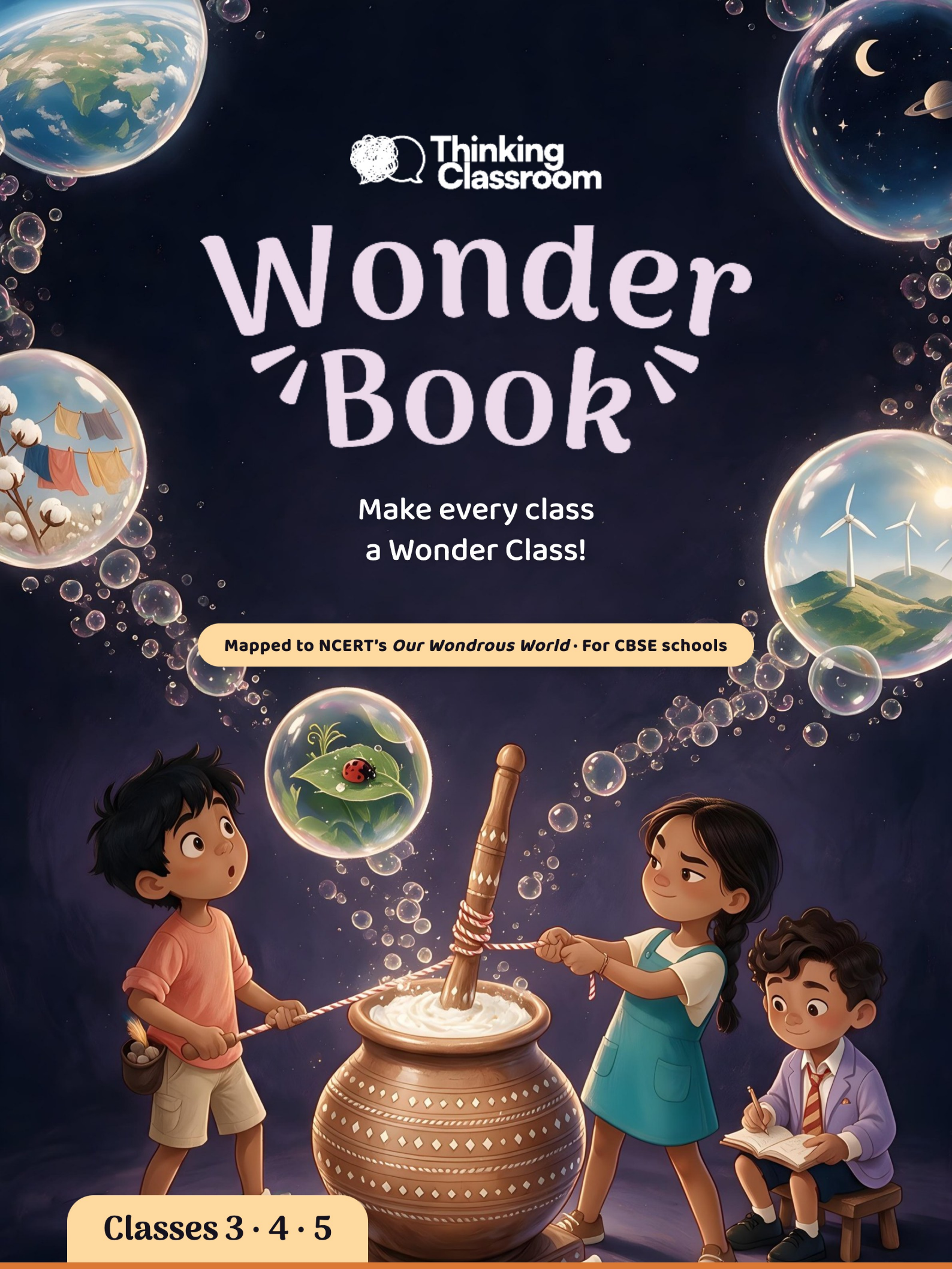
Thinking Classroom

# Wonder Book

Make every class
a Wonder Class!

Mapped to NCERT's *Our Wondrous World* · For CBSE schools



## Classes 3 · 4 · 5

Less telling. More thinking.

thinkingclassroom.in

Why do birds have different beaks? Why do rivers bend? How does a tiny seed know which way to grow?



**Sparrow**
cracks seeds



**Kingfisher**
spears fish



**Sunbird**
sips nectar



**Parakeet**
cracks nuts & fruit



**Duck**
strains food from water

# This book is not only about finding answers.

It is about learning to **notice, wonder, question, make theories, test ideas, look for evidence** — and sometimes change your mind.

At times, children meet a question before they have learnt anything about the topic. They do not need to know the correct answer before they begin thinking.

**Make a guess. Give a reason.**
**Listen to another idea. Look for clues.**
**Try again.**

There is a lot to wonder about. **Let the journey begin.**

# Questions first. Answers later.

Wonderbook works a little differently — it teaches by questions, not by telling, with the **productive struggle** real learning needs.

IN MANY BOOKS

Read an explanation
↓
Answer questions about it

IN WONDERBOOK

**Meet a photograph, an object, an experiment, a map or an unusual situation**
↓
**Think, guess and give a reason — before anyone explains it**

BEFORE ANYTHING IS EXPLAINED, CHILDREN ARE ASKED

**What do you notice?**

**What do you think is happening?**

**Why might this happen?**

**How could you find out?**

Not knowing the answer is perfectly fine — the aim is to give the brain a chance to think before being told.

THE THINKING CYCLE



Observe → Question → Make a theory → Discuss → Test → Think again

Sometimes there will be one clear answer. Sometimes there may be more than one reasonable answer. And sometimes the most interesting thing you discover will be a new question.

**Do not rush to find the answer. First, give yourself time to think.**

# Questions that make children think

Eight real questions from the Class 5 Wonderbook. Each one turns an everyday thing into a WOW — and asks children to observe, reason and connect *before* the lesson.

CH 1 · WATER



Slice open a hailstone and you find onion-like rings inside.

**Why do you think the rings are there?**

CH 2 · JOURNEY OF A RIVER




"No rain, yet Delhi flooded." It did not rain in Delhi that day.

**So where did all that floodwater come from?**

CH 3 · MYSTERY OF FOOD



Honey is a liquid full of sugar — perfect microbe food?

**So why does roti grow mould, but honey doesn't?**

CH 6 · SOME UNIQUE PLACES

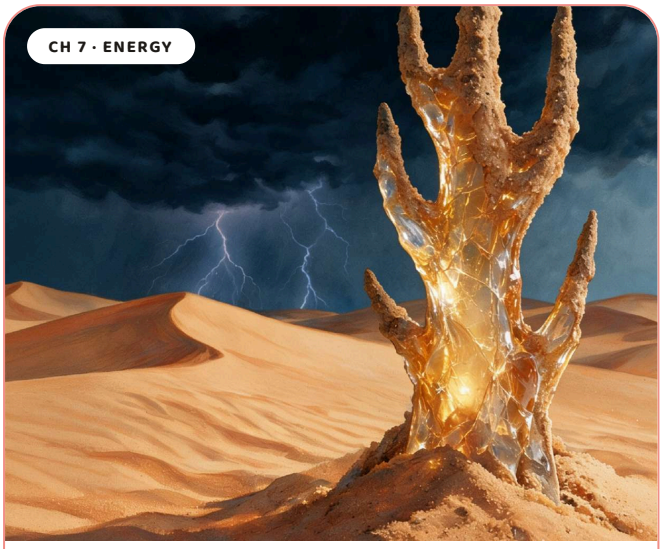


Honey collectors in the Sundarbans wear a mask on the *back* of their heads.

**Why would anyone wear a mask facing backwards?**

# Wonder first. Learn later.

There is no need to know the answer to begin. Children make a guess, give a reason, listen to another idea — and then explore the chapter to find out.




Lightning struck desert sand and left behind this strange, glass-like shape.

**How could lightning turn sand into glass?**




This picture is titled "Tailor taking a measurement".

**Can you guess why it has been named so?**




A reindeer's eyes are yellow-green in summer and deep blue in winter.

**Why would its eyes change colour?**

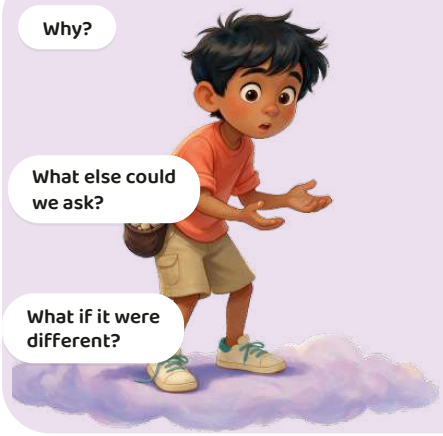



Every winter, ducks and geese fly from Siberia to India.

**If they could wear sweaters, would they still migrate?**

# Meet Kyun, Theo & Criti

Three friends. Three ways of thinking. They ask, explain, disagree, make mistakes and discover things alongside children — all through the book.




## Kyun asks.

**THE QUESTIONER**

Kyun is always curious. When everyone else has moved on, Kyun is often still asking. Kyun reminds us that learning often begins with a good question.

**Thinking strength: Curiosity**

## Theo explains.

**THE THEORY MAKER**

Theo loves explanations. When he notices something interesting, he quickly starts joining ideas together. Sometimes his theory works; sometimes Criti finds a problem with it. Either way, he's ready to test it.

**Thinking strength: Reasoning**







## Criti challenges.

**THE CHALLENGER**

Criti does not accept an idea just because it sounds convincing. She asks for evidence and looks for another explanation — helping everyone examine an idea more carefully.

**Thinking strength: Critical thinking**

**Kyun asks the question. Theo builds an explanation. Criti challenges it. Then all three think again.**

A good thinker can be Kyun, Theo and Criti at different moments.

# The thinkers behind Wonderbook

Wonderbook has been created by a team of thinkers — people who see science all around them and are constantly asking *"Why does this happen?"*, *"What if...?"* and *"How do we know?"*. The same team makes **ThinkBooks** for Science and Maths, Grades 3 to 10, aligned to the latest NCERT curriculum and already used by schools across India.

| 210+ | 200,000 | 1,600+ | 4,000 | 400+ |
|---|---|---|---|---|
| Schools | Students | Teachers | Thinking questions | Workshops & trainings |



## Teachers join the thinking journey too

400+ workshops and trainings help teachers pause, probe and build discussion:

- Increasing think time
- Creating engagement in class
- Planning for errors before class
- Mind Sprint — a fortnightly teacher contest

## What school leaders say

"Teachers shifted from delivering content to discovering how children think."

**Ms. Smitha Srinivasan**, Principal, Sree Narayana Vidya Mandir, Kerala

"Yes, marks matter. But what matters more is students' conceptual understanding. And this is where Thinking Classroom helps!"

**Mrs. Minakshi Kushwaha**, Principal, Birla Vidyaniketan

"Thinking Classroom books have helped because the questions make the child think."

**Mr. Akhilesh Chandra Chaturvedi**, Principal, DPS Maruti Kunj

"Thinking Classroom prepares students for the better future."

**Mrs. Arthi KN**, SSRVM South, Bangalore

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# Add Wonderbook to your booklist.

Mapped to NCERT's *Our Wondrous World*. Made for CBSE schools.

**Class 3** **Class 4** **Class 5**




## Request a sample copy

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Less telling. More thinking. More "I wonder why..."