05 · Teacher and parent guide

Extra material, not a book page

Part A is for the teacher. Part B is the take-home note for parents and carers.

Part A · For the teacher

This week in one line: prediction. Children say what comes next in a pattern, then check. Predict-then-check is the first step of testing ideas, in coding and in science.

Get ready (10 minutes before class)

- Print the gap pattern strips (Printables PDF).
- Count large card counters into a bag per pair; one plastic cup per pair.
- Read the lesson spec the evening before and lay out the cards.

Key words and hand signs

Word	Say it like this	Hand sign
next	“The one that comes after.”	Point forward
predict	“Say what we think will happen.”	Tap head, then point forward
guess	“Our best idea.”	Shrug and smile
check	“Look to see if we were right.”	Thumbs up
missing	“Not there.”	Open empty hands

> **RhinoBot tip**
> Always ask “How did you know?” after a prediction. Children who say “because it goes red, blue, red, blue” are using the pattern, not guessing.

“1–2, 1–2”

For AB patterns, counting “1–2, 1–2” while pointing helps children feel the repeat. Red is 1, blue is 2. At a gap, the count tells them which one is missing.

Checking learning

Watch, don’t test. Tick each child who predicts the next item or move (Review sheet 06). Each child who does it gets a **Step Star sticker**.

Part B · Take-home note for parents and carers

This week your child learned to predict: to say what comes next in a pattern, then check. We hid the next piece under a cup and guessed!

Try this at home (5 minutes)

1. Make a pattern with spoons and forks. Hide the next one under a cup. Your child predicts, then lifts the cup.
2. Clap a pattern and stop. “What comes next?”
3. Ask “How did you know?” and praise “because it repeats”.

Words to use together

next · predict · guess · check · missing

> **Play together**
> Scan the QR code in the book, or visit: https://rhinoxscientifica.com/q/n1-t2-w5

> There you will find the printable cards and a missing-piece game (optional; screen time is never needed).