05 · Teacher and parent guide

Extra material, not a book page

Part A is for the teacher (with the Station 1 record sheet). Part B is the take-home note for parents and carers.

Part A · For the teacher

This week in one line: teams build a pattern belt for cut-out Ayo and program his robot dance, while you start the **Week 11–12 station check** with small groups at Station 1.

Get ready (20 minutes before class)

- Make one cut-out Ayo per team (or use toys). Cut paper shapes and card strips for the belts.
- Print the build card, picture build checklists, move cards and photo frames (Printables PDF).
- Set up **Station 1** in a quiet corner: a colour strip and cards, 2 hoops with big objects, move cards, and the record sheet below.
- Read the lesson spec the evening before and lay out the cards.

Running the build with support, core and stretch groups

- **Support teams:** card A given; extra adult nearby; belt with 2 colours only.
- **Core teams:** choose both cards; lay A B three times; shape belt.
- **Stretch teams:** add a third move (ABC) or a sound.

Station 1 script (about 4 minutes per small group)

1. "Copy my strip: red, blue, red, blue. Now keep it going." → item ①
2. Clap, stamp, clap, stamp… freeze. "What comes next?" → item ②
3. "Sort these into the hoops. What is your rule?" → item ③
4. "Make your own pattern with these 2 move cards." → item ④

Station 1 record sheet (write E, D, S or X for each item)

Name	① Copies and continues an AB pattern	② Says what comes next	③ Sorts by one feature and says the rule	④ Makes own AB pattern

Name	① Copies and continues an AB pattern	② Says what comes next	③ Sorts by one feature and says the rule	④ Makes own AB pattern

E = Emerging (needs a lot of help) · D = Developing (with prompts) · S = Secure (on own, familiar task) · X = Extending (adapts it, e.g. an ABB pattern; no effect on the badge). Secure on all four in Weeks 11–12 earns the "Step Thinker · Term 2" badge in Week 13.

> **RhinoBot tip**
> Keep Station 1 calm and playful: "Let's play a quick pattern game." Children show more when it feels like a game, not a test.

Part B · Take-home note for parents and carers

This week your child's team made a robot dance for cut-out Ayo: two moves laid out three times (A B A B A B), and a pattern belt for the show.

Try this at home (5 minutes)

5. Ask your child: "What was your Ayo dance?" Dance it together three times.
6. Stop after the third time and ask: "What comes next?"
7. Make a pattern belt or necklace with big, safe things: paper shapes, leaves or fabric strips.

Words to use together

pattern · repeat · next · my own

Coming up

Week 12: a gentle station check (games, no written test). Week 13: showcase and the **Step Thinker · Term 2** badge!

> **Play together**
> Scan the QR code in the book, or visit: https://rhinoxscientifica.com/q/n1-t2-w11
> Printable build card and a robot-dance game (optional; screen time is never needed).