02 · Lesson spec

Mini-project: Ayo's Robot Dance · 40 minutes · fully unplugged

Goal (I can)	**I can make Ayo dance an AB pattern and say what's next.**
Teacher aim	Teams lay their own AB move pattern 3 times, dance it and ask the audience what comes next.
Focus	Create & Apply: term build 'Robot dance'
Key words	pattern · repeat · next · my own
Materials	Move cards per team; paper shapes for Ayo's belt; glue or tape; cut-out Ayo (one per team if you can, or teams share); build cards; the 4-item checklist and record sheet. Activity Books, crayons.
Before class	Read this plan. Cut the paper shapes for the belt yourself. Invite another class to watch. Have the checklist ready for Station 1 (8–12 children).



1. Think (5 min)

- **Ask:** "What makes a good robot dance?" Agree: "A pattern that repeats, that friends can copy and continue." Show a strip: clap, jump laid 3 times.

2. Code & build (20 min)

- **Teams with roles:** card-layer, robot, checker.
- Lay 2 move cards 3 times (A B A B A B); no card, lay it in full.
- The checker swaps one move card; the team finds the wrong card and fixes it. Add a pattern belt to Ayo.
- Meanwhile, take one small group at a time to Station 1 (about 4 min each).

3. Show (10 min)

- Each team dances its pattern 3 times for another class, then stops and asks: "What comes next?" The audience answers.
- **The team says:** "Our pattern is… and it repeats."

4. Book & close (5 min)

- Children tick the build card and draw their team's dance. Close: cheer every team.

Activity Book page

- Picture build checklist: pattern, repeat 3 times, say the next move, fix a wrong card, show. Draw your team's dance. Not marked.

How we check

- **Look for:** Can the child lay an AB move pattern 3 times, dance it and say what comes next?

Common mistake

- Teams lay the pattern only once, or add a third move. Point along the strip: "A B, A B, A B: 3 times!" Keep a third move for Stretch.

Support and stretch

- **Extra help:** Give a support team a strip already started (A B) and ask them to lay it 2 more times. Dance it with them.
- **Stretch (optional, not in badges):** Add a third move (ABC) or a sound to the dance.

No power? No problem

- This lesson needs no power, device or kit. No printer? Draw the move cards and build card by hand.

Before and next

- Before: all Term 2 learning (Weeks 1–9). Next: the station check continues in Week 12; Week 13 showcase.

> **Safety**
> An adult cuts all shapes and card. Glue sticks only. Space to dance. Walk with an adult to show another class.

Hand signs (where shown) and the Safety box are Lesson Plan extras added by Rhinox. Everything else follows the Teacher Guide and the Activity Book.