10 · Project sheet · A New Dance for Ayo

Robot / Maker Lab practical · Nursery 1 · Term 2 · Week 8 · Practice & Play

1. At a glance

Time	40 minutes (three stations, about 8 minutes each)
Group size	Groups of 4–6 rotating; the teacher stays at the Modify station
Learning goal	I can make my own AB pattern.
Coding idea	Use–Modify–Create: copy a pattern, change one part, then make your own. Coders learn the same way.
Week link	https://rhinoxscientifica.com/q/n1-t2-w8

2. Materials needed

Item	Per	Low-cost swap
Three station signs	class	Say the station name and show one example
Move cards	group	Hand signs and acting
Blank A–B pattern strips	child	Six boxes drawn on paper
Cut-out Ayo	class	A soft toy
Paper scraps or local fabric pieces + glue sticks	child	Leaves or drawings
Step Star stickers	child	Washable marker star on the hand

3. Safety and care

- An adult does all cutting.
- Scraps and fabric pieces bigger than a toilet-roll tube opening.
- Glue sticks only; wash hands after.
- Leave space to dance; no spinning near tables.

4. Before the lesson

1. Print and place the three station signs, move cards and blank strips.
2. Cut the scraps and fabric pieces; set out glue sticks.
3. Stand the cut-out Ayo at Station 3. Print the class checklist (Guide 05).

5. Step-by-step guide

Step	Teacher says	Children do
1	“Copy it: jump, clap, jump, clap.”	Copy the dance and keep it going
2	“Change it: swap clap for stamp.”	Dance jump, stamp, jump, stamp
3	“Make it: choose card A and card B.”	Choose 2 different move cards

Step	Teacher says	Children do
4	“Lay them three times: A, B, A, B, A, B.”	Lay the strip
5	“Show Ayo! A friend dances it.”	A friend dances the strip
6	“Who will teach their pattern to the class?”	Stretch: teach the class

6. Explore it

Question	If we change one move, is it still a pattern?
Predict	“Jump, clap, jump, clap… if clap becomes stamp, will it still repeat?”
Try	Change one move and dance the new pattern.
Observe	“Does the new dance still repeat?”
Explain	Yes! It is a new pattern because the two moves still take turns again and again.

7. Talk about it

1a. What did you copy?

1b. Which move did you change?

1c. Is it still a pattern?

2a. What is your own pattern?

2b. Which card is A and which is B?

2c. Can your friend dance it?

8. Support and stretch

Support	Give the child card A; they choose only card B. Say the pattern together.
Stretch (optional)	Teach your pattern to the class. Never assessed.

9. How we check

Observation only, not marked. Take a photo of each child’s strip as evidence.

Look for	Secure	With prompts	Not yet
Copies an AB dance	☐	☐	☐
Changes one move	☐	☐	☐
Makes and performs own AB pattern	☐	☐	☐

10. Take-home and parent note

> **Dear parent or carer**
> Today your child **made their own pattern dance** for Ayo.
> At home: ask your child to teach you the dance, then change one move together.

11. Show and share

- Children show their strips; the class dances them for Ayo.
- Everyone says: “Copy it, change it, make it!”
- Every child who made their own AB pattern gets a **Step Star sticker**.



The Step Star is a weekly sticker, not a badge. The term badge “Step Thinker · Term 2” is awarded in Week 13.