10 · Project sheet · Two Ways to the Shop

Robot / Maker Lab practical · Nursery 1 · Term 3 · Week 3

1. At a glance

Time	40 minutes (fits the lesson; 15 min if used on its own)
Group size	Whole class, then pairs
Learning goal	I can choose the safe way.
Coding idea	Look at both options, think what will happen, then choose. Programs choose between ways too.
Week link	https://rhinoxscientifica.com/q/n1-t3-w3

2. Materials needed

Item	Per	Low-cost swap
Masking tape for two routes	class	Chalk or skipping ropes
Paper zebra crossing + “busy road” strip	class	Drawn on the floor with chalk
A box (the shop)	class	A chair
Choice cards + two-route mats	pair	Drawn pictures
Thumbs-up cards	pair	Real thumbs!
Step Star stickers	child	Washable marker star on the hand

3. Safety and care

- The busy road is pretend: point to it, never walk on it.
- Walk, don’t run, on the safe route.
- Real roads: always with a grown-up.
- Keep the taped routes flat so no one trips.

4. Before the lesson

1. Tape the two routes to the box; add the zebra crossing and busy road.
2. Print the choice cards and mats.
3. Read the lesson spec the evening before and lay out the cards.

5. Step-by-step guide

Step	Teacher says	Children do
1	“Ayo wants to go to the shop. Here are two ways.”	Look at both routes
2	“Point to each way. What could happen?”	Point and talk
3	“Choose the safe way.”	Point to the zebra crossing route
4	“Walk the safe way. Tell me why it is safe.”	Walk it; “Cars stop there!”
5	“Now choice cards: which is safe?”	Pairs point and hold up thumbs-up

Step	Teacher says	Children do
6	“Show the class your choice.”	Pairs show and say why

6. Explore it

Question	How do we choose the right way?
Predict	“What could happen on the busy road? At the zebra crossing?”
Try	Look at both ways, then choose.
Observe	“Which way kept Ayo safe?”
Explain	We look at both ways, think about what will happen, and choose the safe one.

7. Talk about it

1a. Which way is safe?

1b. Why is it safe?

1c. Who crosses the road with you?

2a. Is it safe to stand on a chair?

2b. What is the safe choice?

2c. Can you think of another safe choice?

8. Support and stretch

Support	Ask “Is this safe? Yes or no?” for each picture, then “So which do we choose?”
Stretch (optional)	Explain why one route is safer. Never assessed.

9. How we check

Observation only, not marked.

Look for	Secure	With prompts	Not yet
Looks at both ways	☐	☐	☐
Chooses the safe way of two	☐	☐	☐
Says why (Stretch)	☐	☐	☐

10. Take-home and parent note

> **Dear parent or carer**
> Today we learned to **choose the safe way**, like crossing at the zebra crossing with a grown-up.
> At home: play “Which is safe?” with two choices and ask “Why?”

11. Show and share

- Pairs show their choice cards and give a thumbs-up for the safe way.
- Everyone says: “Look at both ways, choose the safe one!”
- Every child who chose the safe way gets a **Step Star sticker**.



The Step Star is a weekly sticker, not a badge. The term badge “Step Thinker · Term 3” is awarded in Week 13.