

Patterns All Around Us

Elaboration 2 · Patterns in the built environment

ELABORATION FOCUS

Spotting repeating groups in the world around us and recording the growing pattern in a table.

LEARNING INTENTION I can find a pattern around me and table it.

Spot it

Count it

Table it

Describe it

Predict it

1

Spot the Repeat

Step 1: find something that repeats. Step 2: count one of them.

2

Fill In a Table

Step 3: count for 1, 2 and 3.
Step 4: write the totals in a table.

3

Say It and Use It

Step 5: say how much it grows by. Step 6: use the rule to predict the next one.

MODEL · WHEELS ON CARS

One car has 4 wheels. How many wheels on 2 cars, 3 cars, 4 cars?

Cars	1	2	3	4
Wheels	4	8	12	16

+4

+4

+4

Rule: add 4 wheels for each new car · 4, 8, 12, 16

The table grows by 4 each time: 4, 8, 12, 16 wheels.

TEACHER MODELLING ROUTINE I do → We do → You do

WATCH FOR

Counting the objects instead of the parts, like cars instead of wheels.

REMEMBER

Each new group adds the same amount, so a table shows the rule clearly.

MATERIALS

Toy cars, train pictures, window photos, tables, grid paper, counters.