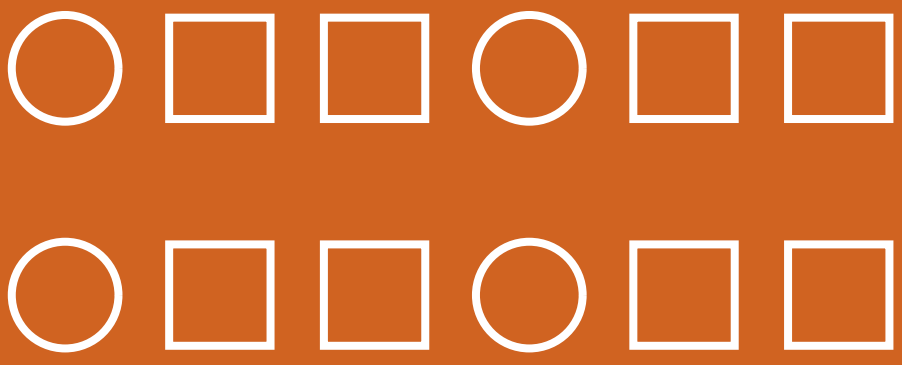
BOOKCHOWK / PRACTICAL MINI BOOKS

The Pattern Parcel Factory

Four pattern missions with explained answers for ages 7-9



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10 focused pages + editable companion | 12 November 2026

One useful result

Four pattern missions with explained answers for ages 7-9. Work through one lesson at a time, then use the three printable worksheets on a real, low-stakes situation.

Your route through this mini book

1. Mission 1: find the repeating unit

2. Mission 2: grow by the same amount

3. Mission 3: repair the faulty stamp

4. Mission 4: make a fair pattern puzzle

Read the lesson, compare the worked example and complete the action. Pages 7-9 are writing sheets; page 10 helps you review the result. The editable Markdown companion contains the same prompts for reuse in a notes app.

Ages 7-9, with optional grown-up reading help. Printable pretend-factory activities with explained practice answers. Use words, letters or simple shapes; no special materials are required.

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Mission 1: find the repeating unit

In the pretend parcel factory, a machine stamps repeating patterns. A repeating unit is the smallest block that repeats in order. Read the whole visible pattern before deciding the rule. Use written words or simple shapes; special printing materials are not needed. In this book, each mission states the kind of rule to use, because a short sequence can sometimes be continued in more than one way if no rule is specified.

Worked example

Pattern: star, circle, star, circle, star, circle. The unit is star, circle. The next two are star, circle. Pattern: red, red, blue, red, red, blue. The unit is red, red, blue, not just red, blue.

Try it now

Use the repeating unit A-B-B. Write the first nine stamps and the tenth stamp. Answer: A B B A B B A B B; tenth A. Explain where one unit ends and the next begins.

NOTICE → CHOOSE → TRY → REVIEW