

Pattern studio

Educator guide | Flexible starting ages: 5 to 7, 7 to 9, 9 to 11 years

Continue simple shape patterns or change the rule. Design your own big tiles using marks, shapes, symbols or colors.

AT A GLANCE

About 20 minutes, with pauses as needed. Use one or both activity pages.

Materials: Printed activity pages; Crayons, pencils or washable markers.

INVITE, EXPLORE, CREATE

- 01** Look at a pattern row. Name, point to or notice the shapes in its rule.
- 02** Draw, name or point to a shape that could go in an empty space.
- 03** Choose two marks or colors and repeat them in the large design tiles.
- 04** Invite the learner to keep a pattern, change it or explain a new rule.

MAKE IT WORK FOR YOUR LEARNERS

- Offer a choice of two shapes rather than an open-ended question.
- Use the larger blank tiles if the pattern rows feel crowded.
- Accept marks, stamps, dictated choices or imagined colors; there is no required finish.
- For more complexity, try a three-part repeat or make a border that changes gradually.

PRINT & USE

Print at 100% / actual size on the matching paper size. Black-and-white printing works well. Free to print, copy and adapt for classrooms and home.

Participation can include looking, choosing, pointing, describing or making. Skip any step and respect a request to pause. No personal information is needed.

What could come next?

Draw a shape in the open spaces. You can also invent a different rule.

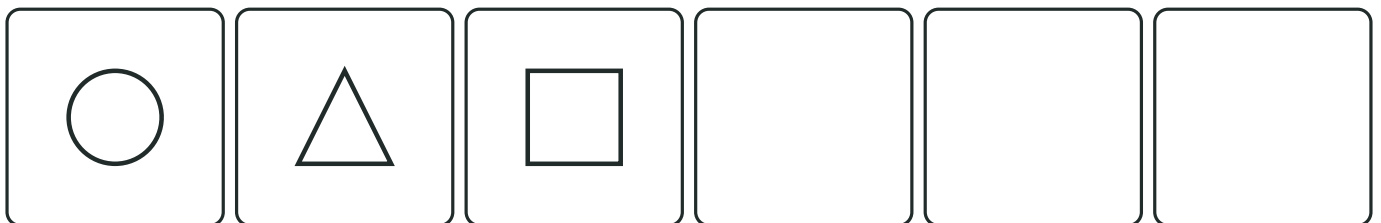
A shape, then another shape



Two triangles, then a circle



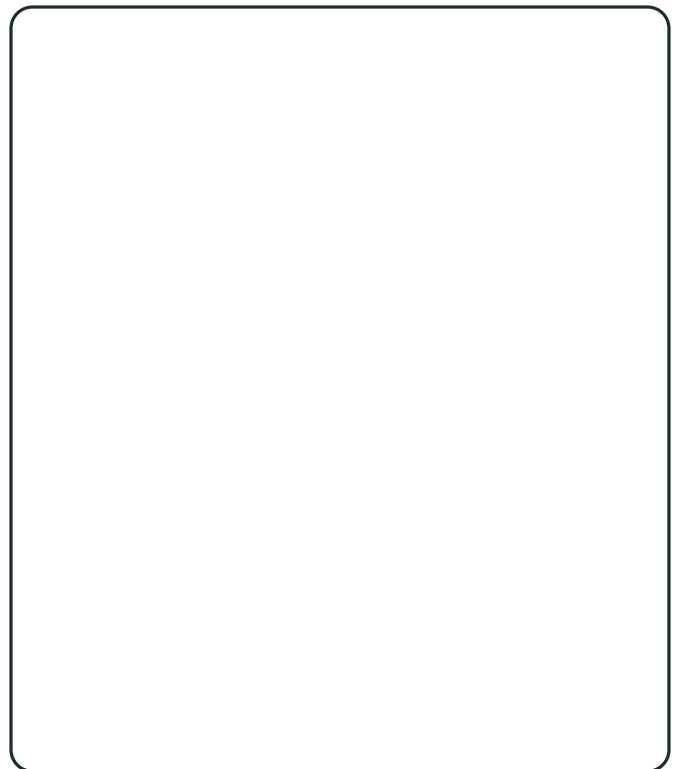
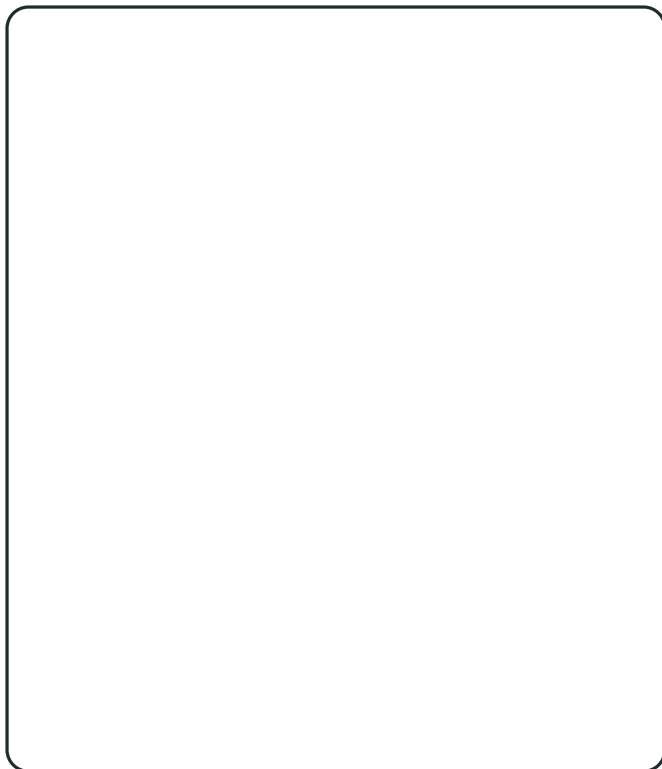
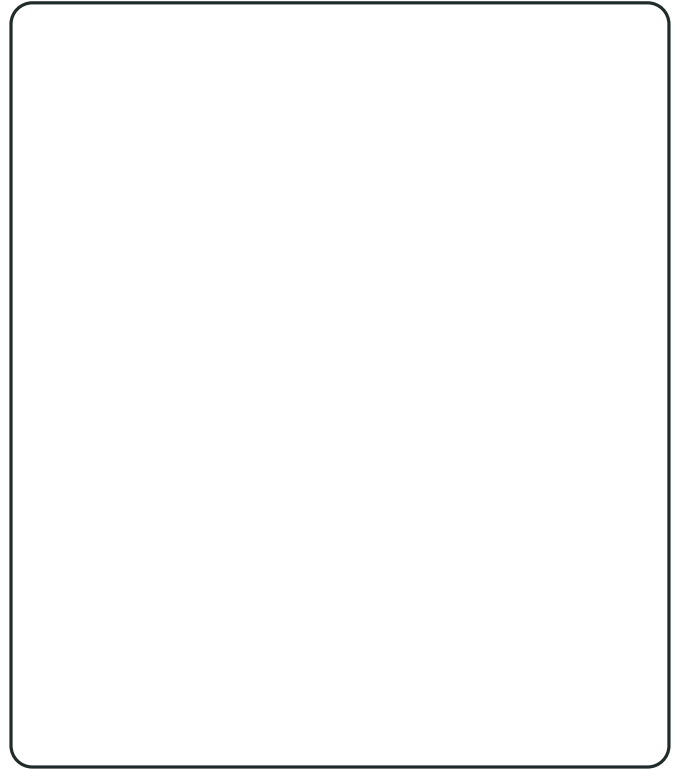
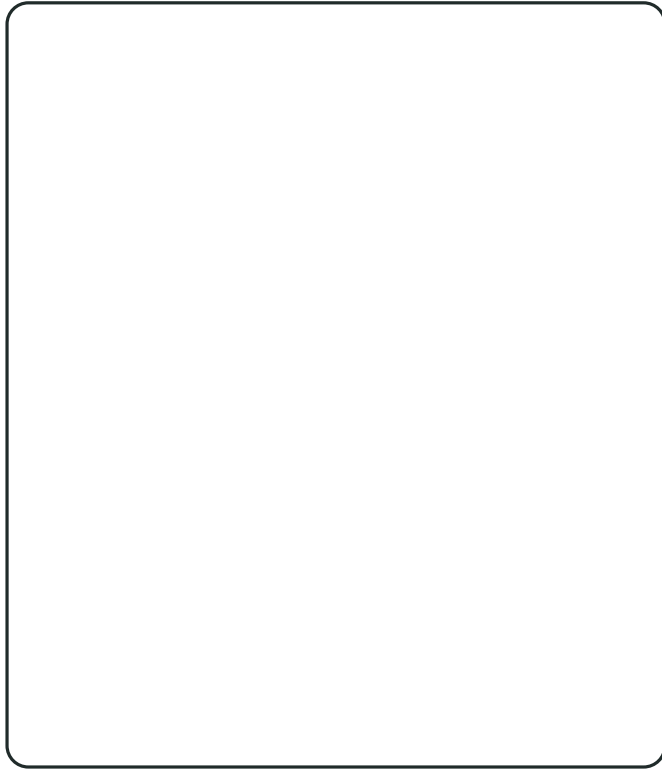
Three different shapes



Say, point or draw. A new rule is welcome.

Your pattern studio

Choose marks, shapes or colors. Repeat them in one tile or all four.



Try a repeat. Change it if you want. Each tile can have its own rule.