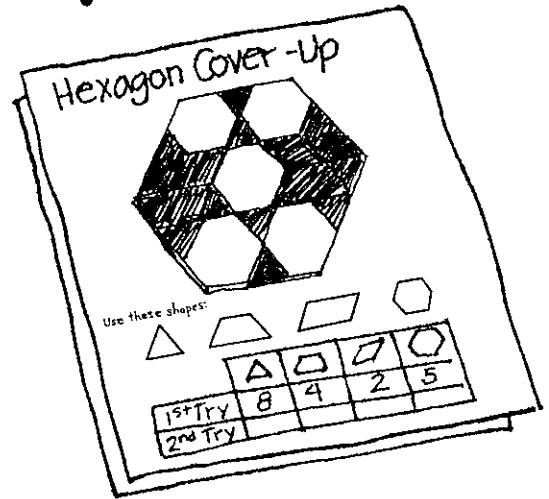


Geometry

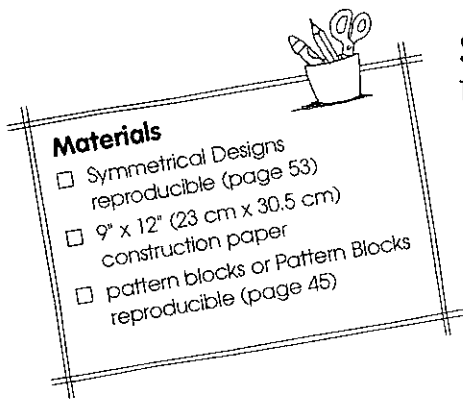
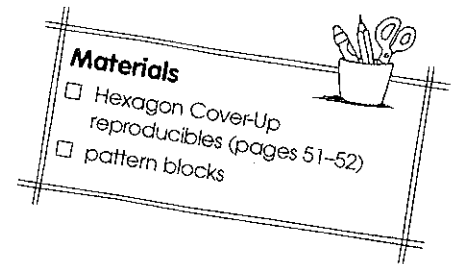
These center activities focus on basic geometric concepts. Students explore the names and properties of geometric shapes, build symmetrical designs, and create congruent figures.



Hexagon Cover-Up

Teaching Tips and Extensions

- Remind students to use only the four pattern block shapes outlined on the activity sheet.
- If you do not have pattern blocks, trace and cut out (or photocopy) each of the four shapes used in this activity on a different color of construction paper. Each student will need several sets of these shapes.



Symmetrical Designs

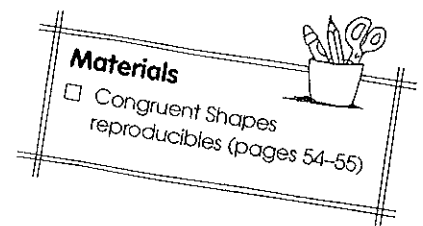
Teaching Tips and Extensions

- ☆ Fold the construction paper in half, and draw a heavy line on the fold.
- If you do not have pattern blocks, trace and cut out (or photocopy) each shape on a different color of construction paper. Each student will need several sets of these shapes.
- Discuss the definition of *symmetry* and *line of symmetry*.

Congruent Shapes

Teaching Tips and Extensions

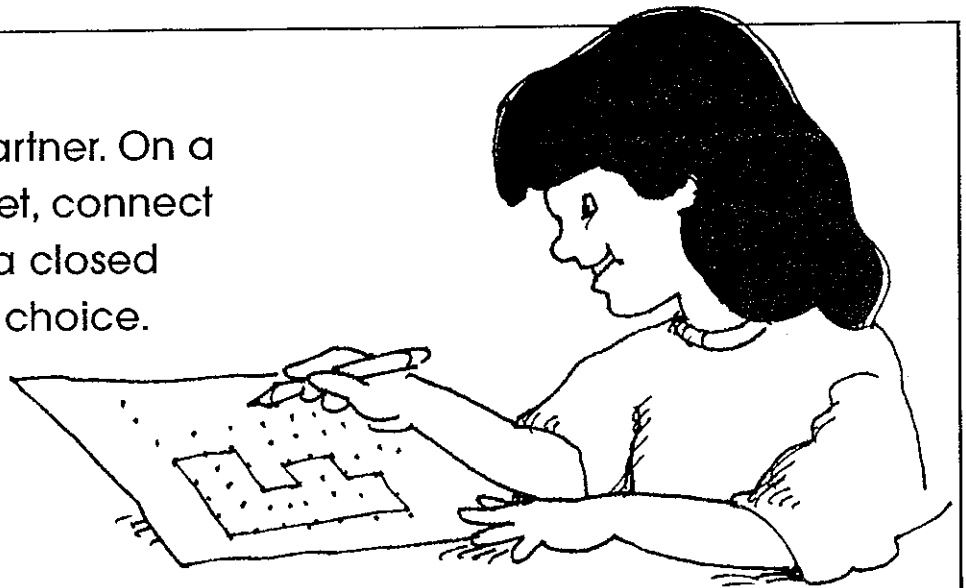
- Before introducing this activity, discuss the definition of *congruence*.
- Have students cut out the shapes and match them to prove they are congruent.



Congruent Shapes

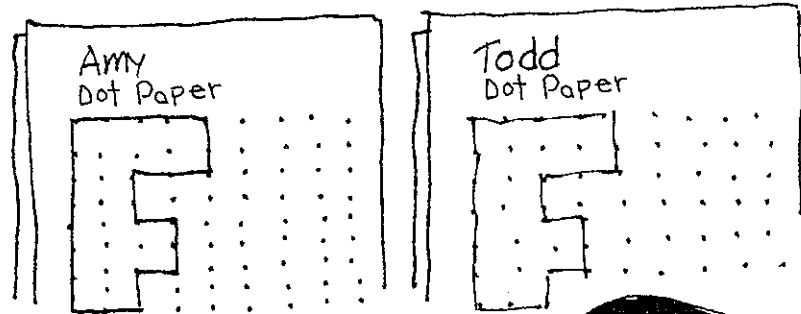
1

Work with a partner. On a Dot Paper sheet, connect dots to make a closed shape of your choice.



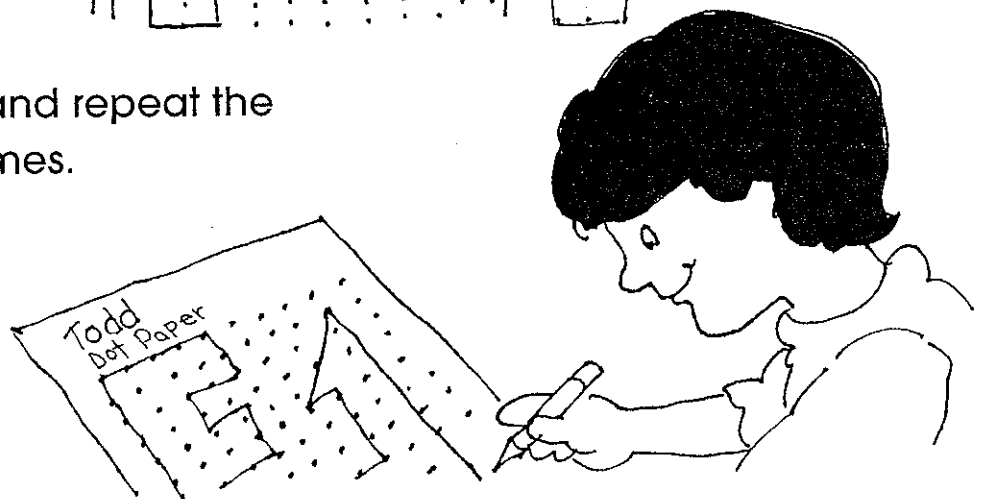
2

Invite your partner to make a congruent shape on a separate Dot Paper sheet. It must be the exact same shape and size.



3

Take turns and repeat the activity 5 times.



Find 5 congruent shapes in your classroom. Draw each shape on a separate sheet and name the objects.

Name _____

Dot Paper

