

# Tumbling Tetras

## Make a moving circle of tetrahedra.

### You need

- Tumbling Tetras Pattern
- ruler
- scissors
- tape
- marker

You made one tetrahedron on **Math, Science, and Beyond Night**. You'll need eight tetrahedra for this project!

### Directions

#### PREPARE AND TEST

**1.** Use a pencil and ruler to press hard on (score) the **solid** lines on the two pattern sheets.

*To Score: Press hard with pencil against ruler. Scoring makes the fold lines crisp.*

**2.** Cut out the pattern pieces on the **dotted** lines.

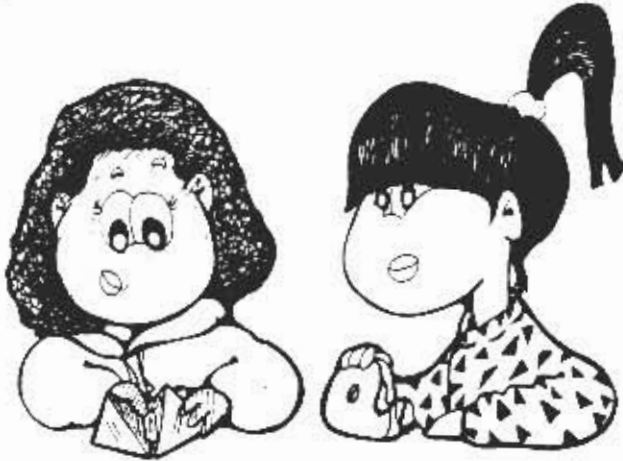


**3.** Fold each pattern piece into a tetrahedron. Tape where edges meet. Make eight in all.



4. Pair your tetras. Hold two tetras together. Tape along the edge where they meet. Make four pairs in all.

*Reinforce: Tape the back of this edge, too.*

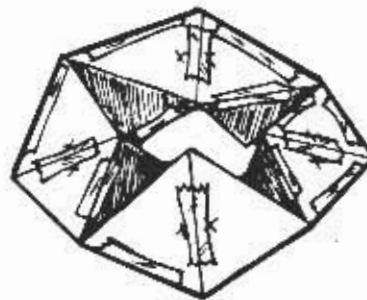


5. Line up the four pairs of tetras. Put a small "X" on the outside edges of the sides facing you.

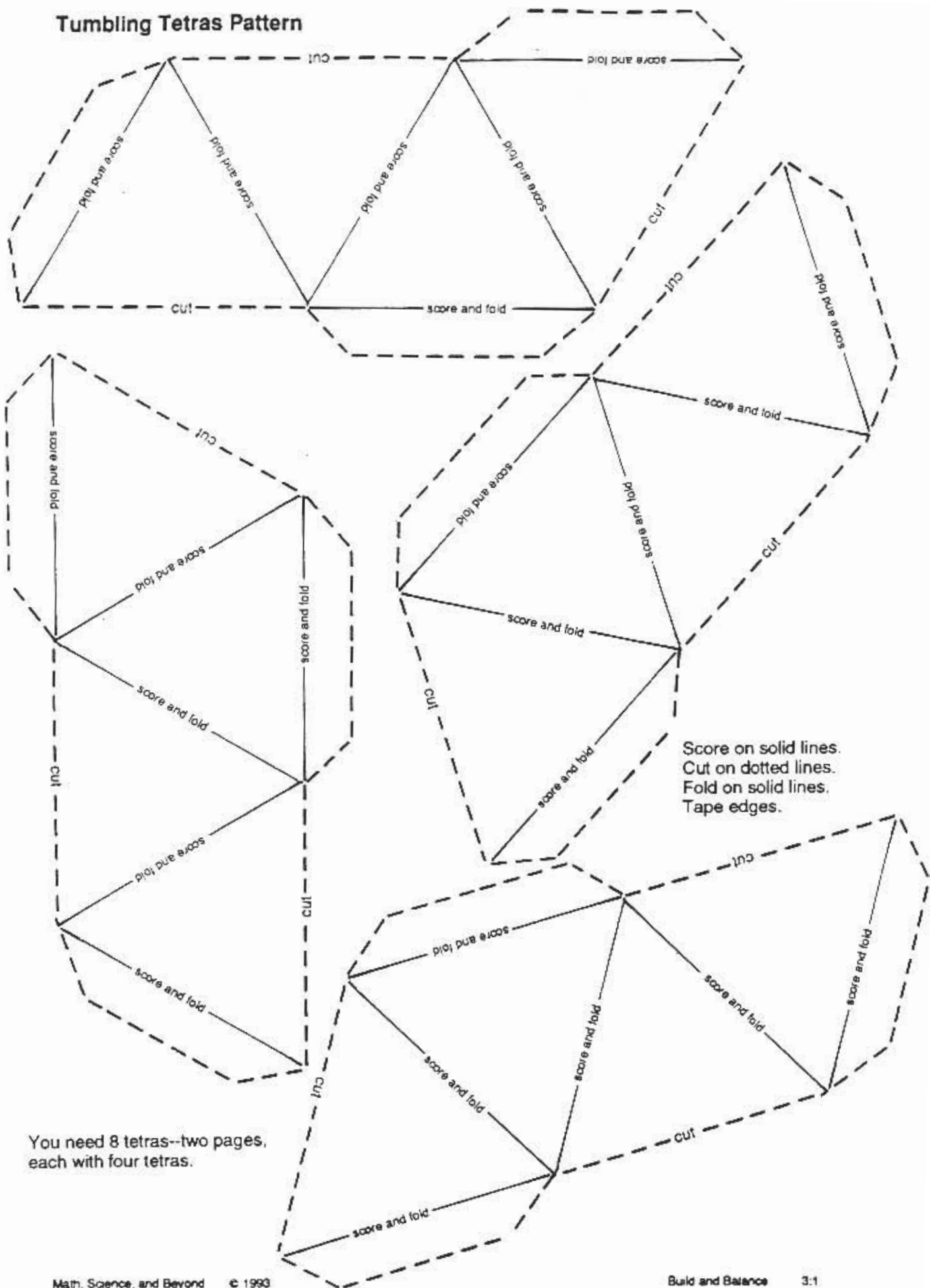


6. Matching X's, tape the pairs of tetras together in a row. Join the two ends together, matching X's, to form a circle. Tape.

*Turn the circle of Tumbling Tetras and watch what happens.*



# Tumbling Tetras Pattern



Score on solid lines.  
 Cut on dotted lines.  
 Fold on solid lines.  
 Tape edges.

You need 8 tetras--two pages,  
 each with four tetras.