

# ANIMAL GEOMETRY

**Author:** Jeff Barger

**Book description:**

A right angle can be a definition you have to memorize. Or, it can be the shape formed when a meerkat stands upright with his tail laying flat as he watches for enemies. Obtuse angles, in contrast, are formed by the wings of birds and dragonflies during flight. Lines can be just as much fun as angles. Parallel lines are seen in the segments of a scorpion's tail and when a blue marlin's dorsal fin emerges from the water. Shapes are illustrated with the hexagon honeycombs of bees, and area is illustrated through bird nests and turtle shells.

<b>ISBN:</b>	978-0-9853037-1-6, HCPLC
<b>Price:</b>	\$15.95
<b>Age level:</b>	7 and up
<b>Page count:</b>	48
<b>Trim:</b>	8 x 10
<b>Illustrations:</b>	Four-color photography

Fifth grade science and math teacher Jeff Barger uses animal behavior and morphology to bring geometry to life. With more than a hundred examples presented in clear, conversational text and vibrant 4-color photography, geometry becomes easy to visualize and a cool, useful tool. Topics presented include points, rays, lines, angles, shapes (polygons, triangles, squares, rectangles, trapezoids, parallelograms, rhombuses, hexagons, circles, polygons, cubes, cones, cylinders, spheres), symmetry, transitions, reflections, rotations, area, perimeter, diameter, circumference, and 3 dimensions.

No exams, only fun! Includes a scavenger hunt, matching game, glossary, and index.

**Selling points:**

- Engaging, conversational writing style demystifies technical information
- Colorful animal examples clarify points and transform children into teachers
- Wide range of taxa included (mammals, reptiles, amphibians, birds, fish, insects, and more)
- Strong visual appeal invites browsing
- Useful tool for teenagers and adults trying to build math skills
- First in a series that will include *Animal Chemistry* and *Animal Physics*

**About the author:**

**Jeff Barger** has worked as a classroom teacher, professional development leader, and literacy coach for over 20 years. He has written articles for *The Reading Teacher* and *The New England Reading Association Journal*. He is the creator of NC Teacher Stuff, a blog that provides book reviews and links for classroom use. He lives in North Carolina with his wife and two school-age children.