

12 WAYS TO EXPLORE

Math & Nature

WITH YOUNG CHILDREN

- 1 Gather seeds, then sort by size or shape
- 2 Measure diameter of trees, tree stumps, and logs
- 3 Compare how many of each items you find outside by making a graph (EX. leaves, nests or flowers)
- 4 Organize natural objects from largest to smallest (EX. rocks or sticks)
- 5 Measure and chart the length of shadows at different times of day
- 6 Count and sort insects and other invertebrates - gently!
- 7 Count plentiful plants by tens, up to 100 (EX. acorns or clovers)
- 8 Create symmetrical patterns inspired by butterfly wings
- 9 Arrange leaves and petals to make a radially symmetrical mandala
- 10 Observe and photograph a plant every hour over several days to notice how growth happens over time
- 11 Look for geometric shapes like ovals, triangles, and stars in nature
- 12 Observe and sketch the moon in a moon journal to develop an understanding of passing of time

