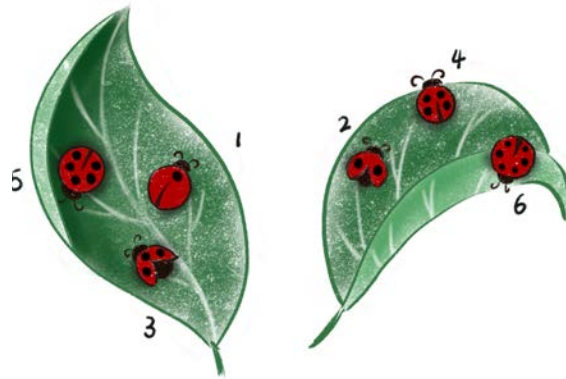


Puzzle of the Week

Ladybugs that don't Add Up – 1

Numbered ladybugs are landing on two leaves. The rule is: the number of dots of two ladybugs on a leaf cannot add up to the number of dots on another ladybug on that leaf. The leaf on the left is fine, but the leaf on the right has $2 + 4 = 6$.



THE CHALLENGE: Starting at 1 and counting up, how high can you go putting the numbered ladybugs on two leaves while following the rule for both leaves?

EXPLORATION: How do things change if you use only even numbers? How do things change if you use only odd numbers? What are other groups of interesting numbers to look at?

