

The diagram illustrates the experimental design for four groups of subjects across 12 sampling locations. The groups are labeled on the left: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. The sampling locations are represented by columns of boxes, each containing symbols (squares, triangles, circles, or diamonds) and colored according to a gradient from yellow to purple. The locations are numbered 1 through 12 at the top.

- Tide Pool 1 (S1):** 12 locations. Locations 1-5 have 3 squares each. Locations 6-12 have 3 squares each, but locations 6-8 are missing the middle row of squares.
- Tide Pool 2 (S2):** 12 locations. Locations 1-5 have 3 triangles each. Locations 6-12 have 3 triangles each, but locations 6-8 are missing the middle row of triangles.
- Nearshore (N):** 12 locations. Locations 1-5 have 3 circles each. Locations 6-12 have 3 circles each, but locations 6-8 are missing the middle row of circles.
- Field Blank:** 12 locations. Locations 1-5 have 3 diamonds each. Locations 6-12 have 3 diamonds each, but locations 6-8 are missing the middle row of diamonds.