

The diagram illustrates the experimental design across 12 columns. The groups and their replicates are as follows:

- Tide Pool 1 (S1):** 3 replicates. The first replicates are yellow, the second are light green, the third are light blue, and the fourth are light purple.
- Tide Pool 2 (S2):** 3 replicates. The first replicates are yellow, the second are light green, the third are light blue, and the fourth are light purple.
- Nearshore (N):** 3 replicates. The first replicates are yellow, the second are light green, the third are light blue, and the fourth are light purple.
- Field Blank:** 1 replicates. The first replicates are yellow, and the second are light purple.