

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

- Tide Pool 1 (S1):** 3 replicates. Each replicate has a yellow block in column 1, followed by a sequence of green blocks (columns 2-5), blue blocks (columns 6-7), and purple blocks (columns 11-12).
- Tide Pool 2 (S2):** 3 replicates. Each replicate has a yellow block in column 1, followed by a sequence of green blocks (columns 2-5), blue blocks (columns 6-7), and purple blocks (columns 8-12).
- Nearshore (N):** 3 replicates. Each replicate has a yellow block in column 1, followed by a sequence of green blocks (columns 2-5), blue blocks (columns 6-7), and purple blocks (columns 8-12).
- Field Blank:** 1 replicate. A yellow block in column 1, followed by a purple block in column 12.