

The diagram illustrates the distribution of 120 samples across four categories, with each category having 3 replicates. The samples are organized into a grid of 12 columns, each representing a different sample type or location. The categories and their corresponding sample counts are as follows:

- Tide Pool 1 (S1):** 10 samples (3 replicates of 3 samples each) in the first 10 columns.
- Tide Pool 2 (S2):** 10 samples (3 replicates of 3 samples each) in the first 10 columns.
- Nearshore (N):** 10 samples (3 replicates of 3 samples each) in the first 10 columns.
- Field Blank:** 1 sample in the 12th column.

The columns are color-coded in a gradient from yellow to purple, representing different sample types or locations. The first 10 columns are used for the three replicates of each of the three categories (Tide Pool 1, Tide Pool 2, and Nearshore), and the 12th column is used for the Field Blank sample.