

The diagram illustrates the experimental design for four groups: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. Each group has three replicates. The process flow is as follows:

- Tide Pool 1 (S1):** Three yellow boxes (collection) lead to three green boxes (storage). These green boxes then lead to three blue boxes (analysis). The blue boxes then lead to three purple boxes (storage).
- Tide Pool 2 (S2):** Three yellow boxes (collection) lead to three green boxes (storage). These green boxes then lead to three blue boxes (analysis). The blue boxes then lead to three purple boxes (storage).
- Nearshore (N):** Three yellow boxes (collection) lead to three green boxes (storage). These green boxes then lead to three blue boxes (analysis). The blue boxes then lead to three purple boxes (storage).
- Field Blank:** One yellow box (collection) leads to one green box (storage). This green box then leads to one blue box (analysis). The blue box then leads to one purple box (storage).

The diagram uses color-coded boxes to represent different stages: yellow for collection, green for storage, blue for analysis, and purple for storage.