<u> GLASSIFYING STRUCTURES</u>

A structure is designed to perform a specific function, whether it is a humanmade structure, or a natural structure. All structures are designed to resist the forces that act on them.

Structures can be classified by its <u>function</u>, <u>how it was built</u>, and into <u>3 distinct</u> <u>categories</u>: solid structures, frame structures, and shell structures.

Solid Structures

Frame Structures

Shell Structures

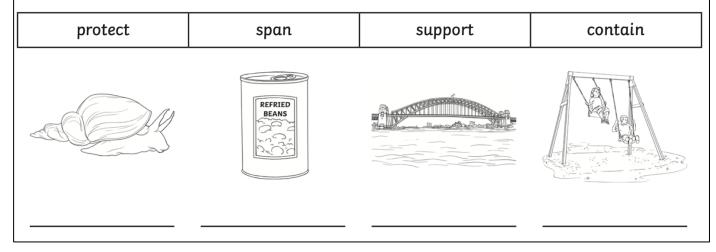
Combination Structures



Function of Structures

The functions of structures are to _____ (ex: a helmet), to _____ (ex: your skeleton supports your body weight and keeps you upright), to _____ (ex: water bottle), and to _____ (ex: a ladder).

Look at the pictures below and identify the different functions of a structure that each one represents.



Connect the explanation of a structure to the type of structure:

