

GRADE 7 LESSON ONE: CLASSIFYING STRUCTURES

TO DO:

- ☐ **Go through and explore** the Grade 7 **presentation** on <https://eromeros.commons.hwdsb.on.ca/> and answer the following questions as you go:

1. *What is a structure?*

A structure is defined as something made up of parts that are together in a particular way for a specific purpose or purposes.

2. *What is form and function? What is the difference?*

The form is the basic shape of the structure, whereas the function is the job that the structure does.

3. *Fill in the blanks.*

Some structures are **natural** (trees, rocks, flowers, you), and some are **manufactured** or **man-made** (airplanes, vases, bridges).

4. *Find **new** examples of manufactured **and** natural structures (draw or write!)*

Natural: beaver dams, trees, plants, rocks, mountains, spider web
Manufactured: buildings, chairs, playgrounds, boats, houses, coffee mug

5. *Using the information you have gained, identify and describe what each type of structure is, write an example or insert an image, then*

determine if it is natural, manufactured or a combination of both. (You can use google to develop your answer🔍💻)

Type of Structure	Describe the Structure	Examples of the Structure	Natural, Manufactured, or Both?
Solid Structure	A solid structure is a structure that is solid all the way through.	Mountains, apples, coins, sand castles, etc ...	Both
Frame Structure	A frame structure is made up of parts fastened together.	Bones, bicycle, tennis racket, spider webs, etc ...	Both
Shell Structure	A shell structure has spaces inside them.	Milk Carton, glass, egg carton, igloos, etc ...	Both
Mass Structure	Many combination structures are made up of different structures.	Houses, buildings,	Manufactured
Combination Structures	A solid structure is a structure that is solid all the way through.	Mountains, apples, coins, sand castles, etc ...	Both