-define bridge

-label parts of the bridge

-describe the different kinds of bridges and how they are supported

-note taking about the different types of bridges

- predict which type of bridge would hold the most weight and why

- predict which material can hold the most weight

- summarize the evolution of bridges

-understand the function of bridges of modern society.

Build a bridge using spaghetti, popsicle sticks, tooth picks, clay, mini marshmallows (students will choose which materials they want to use.

-bridge must be free standing

- at least 12 inches long

-how would you change the design of the bridge to accommodate a longer length

-What are the differences between your bridge and other bridges in the classroom

-Give an opinion about which bridge will hold the most weight

-once they build their bridge compare their bridge to the one in the picture.

- how does weather affect this bridge over time.

-hypothesize the load bearing weight o f the bridge

-calculate the actual weight the bridge can hold.

Create a iBook documenting the steps taken in order to build and

Choose to take the perspective of either the tree, the tread on the bridge or the sun shining on this forest and write a paragraph of 75 or less words describing a typical day.