

PECAN PARK OPEN DOORS

*I am braver than I believe,
I am stronger than I seem,
And I am smarter than I think.*

April 6 10, 2020

Note from Mrs. Carlisle: *Just think: one day when you are old, old, old you will be able to tell your grandchildren what it was like in The Olden Days during quarantine time. They probably will not believe you!*

This week I thought you might like to try an engineering challenge. I think this activity only needs materials that you already have. Be sure to ask for a parent mission before trying this.

I miss you and hope that you and your family are well.

Stick Raft Engineering Challenge

The Question: Pretend you have a Lego person who is stranded on a desert island. Can you build a raft that really floats so that the person will be saved?

First plan your raft by thinking and drawing a plan. What materials will you need? Here is a possible list but you may have other ideas.

Materials: sticks, water, string, paper or cloth if you would like to add a sail

Next build your raft. You may have to change your plan but that is part of engineering. Remember ideas that don't work as well as ideas that do work!

Now test your raft in a plastic container of water, a sink, or a bathtub. Did it work?

