RAFT BUILDING CHALLENGE

Equipment:
• Sticks (Alternative is pencils or straws).
• String / twine.
• Small piece of material, paper or card for your sail.
• Scissors.

Instructions:
1. Like any good Engineer, you will need a plan!
2. What are your ideas? What will you need? where you will get it? What will your raft look like? A drawing might help.
3. Now watch the video on the website!
4. Take a walk to collect some sticks! (You can use pencils or straws instead).
5. Now get building!
6. Time to test! You can do this anywhere: the bath, a paddling pool, the sink.
8. Evaluate – how would you make it better next time?
9. Challenge yourself and your friends, start a digital chat to discuss:

   Who’s raft can stay afloat the longest?
   Who’s raft can carry the most cargo?
   Can your raft survive a small waterfall?
   And finally - Who’s raft is the best!!! YOU DECIDE!