My boat experiment

I'm doing an experiment to see which materials are better to build a boat with. The two things i'm going to find out are which one floats the longest and which one carries the most pebbles.

Here are the boats i've made. The first one is a cork, the second is made of cardboard and the third is plastic.

My predictions are that the plastic one will float the longest, then the cork, and the cardboard will be the first to sink.

I also think that cork will not hold any pebbles as its too small. I think the plastic bottle will hold 25 pebbles and i think the cardboard boat will hold 15 pebbles.

<u>The results</u>

Cork: tipped over after 5 minutes
Cardboard: got soggy after 4 hours and sank
Plastic: still going!!

Cork: no pebbles
Cardboard: 57 pebbles
Plastic: 104 pebbles

Therefore the plastic material is better for floating and holding things.