



Justin (5.11 yrs.) begins as usual with materials, in this case a paper towel roll halved and a sheet of white paper. He announces that he is making a raft but seems to reconsider and later declares it a pirate vessel.

He lays out on paper the shape he wants for what appears to be a combination mast and sail and replicates it, stapling the two pieces together "so it will stay up". The small drawing represents a cabin with a 'steering' wheel.

How does the raft steer?

Justin: **"When the wheel turns, the flapper (rudder, hidden) turns, and the whole boat turns."**

Justin then draws a handle that will operate the paddle that



propels the craft. The cable or wire that connects the handle with the paddle has to traverse the deck and it is here that Justin lets us see his ability to predict what could really happen.

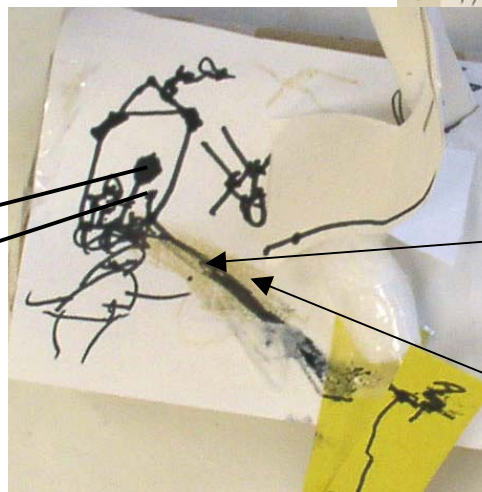
He uses a brown crayon to colour over the 'wires' saying that it is "a bump up thing so they don't trip over it." Justin demonstrates his ability to think outside himself with his plan to provide

for the safety of others, even the five pirates.



Steering wheel

Handle



Control wires

Safety cover

