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The Investigation Of Hovercraft

This project was invented to measure and compare the different speeds a hovercraft can go on different surfaces. A hovercraft was first made and before-hand tested many times for test trials. Secondly, the hovercraft was tested over wood floor, tile, and granite counter top. The hovercraft was closely set on each of the surfaces, measured out six inches, turned on, and pressed the timer. For each different surface a fresh battery was needed. After testing, there were some averages. The tile had the shortest time with an average of 23 seconds and 52 milliseconds. The next shortest time was in the granite counter top with an average of 29 seconds and 24 milliseconds. The slowest time was in the wood floor with an average of 30 seconds and 78 milliseconds. The tile seemed to be the best flotation device for the hovercraft. The interpretation of the results means that if a real-life model of the hovercraft that was tested and designed, the hovercraft would float the fastest on tile.