

Build a Mini Hovercraft Worksheet

Observations

Describe in detail the motion of the hovercraft.



Post-Lab Questions

1. Remember that a simple hovercraft consists of three parts—platform, fan, and curtain.
 - a. Which part of the mini hovercraft is the platform?
 - b. Which part is the fan?
 - c. Which part is the curtain?
2. What is the purpose of the curtain on a hovercraft?
3. How does the design of the mini hovercraft enable the fan to create both lift and thrust for the craft?
4. Make a list of at least three testable questions that may be answered by experimentation with the mini hovercraft.
5. Choose one of the questions above and design an experiment to answer the question. In the space below, write the purpose of the experiment, the variable to be tested, and how the results will be measured.