

# Center of Gravity Toss Worksheet

## Observations

Describe the motion and “travel” of the irregularly shaped object after it was tossed into the air:

## Questions

1. Define the center of mass of an object.
2. Describe a process or procedure for locating the center of mass of an irregularly shaped object.
3. Can the center of mass ever be located outside the physical object? Explain with an example.
4. When the irregularly shaped foam sheet was spun and tossed into the air, what was the shape of the path that the center of mass followed? Draw the shape the center of mass follows.