**Speed & Momentum Crash Quiz**

1. Fill in the flow chart diagram below with the **steps of the engineering design process**.   
   Choose from the options provided below the diagram.

A close up of a logo

Description automatically generated

1. Ask to identify needs and constraints
2. Imagine possible solutions
3. Improve and redesign as needed
4. Research the problem
5. Create a prototype
6. Test and evaluate the prototype
7. Plan by selecting a promising solution
8. Describe **momentum**.
9. Describe the **relationship between mass and momentum**.
10. Explain the importance of using the **steps of the engineering design process** to solve real-world problems related to **momentum** **and collisions**.