



## STEM Scavenger Hunt: Middle School

### Graph Analysis

Use graph of *Iron Rattler* to answer these questions. Match the locations on the graph (letters) to the descriptions (numbers). Letters may be used more than once or not at all.

- |                         |                                 |
|-------------------------|---------------------------------|
| ___ 1. Lift Hill        | ___ 2. Maximum Potential Energy |
| ___ 3. Maximum velocity | ___ 4. Maximum Kinetic Energy   |

Use graph of *Superman* to answer these questions. Match the locations on the graph (letters) to the descriptions (numbers). Letters may be used more than once or not at all.

- |                                 |                               |
|---------------------------------|-------------------------------|
| ___ 1. Maximum Potential Energy | ___ 2. Maximum Kinetic Energy |
| ___ 3. Bottom of loop           | ___ 4. Top of loop            |