

Name: \_\_\_\_\_

# Energy of the Ride

GRADES 3-5

## Explore

Coasting/No Pedaling

Distance \_\_\_\_\_

| Rider     | Trial 1 | Trail 2 | Trial 3 |
|-----------|---------|---------|---------|
| Partner A |         |         |         |
| Partner B |         |         |         |

## Evaluate

Pedaling

Distance \_\_\_\_\_

| Rider     | Trial 1 | Trail 2 | Trial 3 |
|-----------|---------|---------|---------|
| Partner A |         |         |         |
| Partner B |         |         |         |

Calculate your velocity from each section:  $Velocity = \frac{s \text{ (displacement)}}{t \text{ (time)}}$

Which ride had more velocity and why?