Name: $\qquad$

## May the Force Be With You! <br> GRADES 3-5

## Explore

|  | Fastest (1) to <br> slowest (4) | Observations |
| :---: | :--- | :--- |
| Overhand Serve | answer here | answer here |
| Forehand Hit | answer here | answer here |
| Backhand Hit | answer here | answer here |
| Student Idea: <br> answer here | answer here | answer here |

Elaborate

|  | Trial 1 |  | Trial 2 |  | Trial 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Speed | Distance | Speed | Distance | Speed | Distance |
| Overhand Serve | answer here | answer here | answer here | answer here | answer here | answer here |
| Forehand Hit | answer here | answer here | answer here | answer here | answer here | answer here |
| Backhand Hit | answer here | answer here | answer here | answer here | answer here | answer here |
| Student Idea: answer here | answer here | answer here | answer here | answer here | answer here | answer here |

Name: $\qquad$

## May the Force Be With You!

## GRADES 3-5

## Evaluate

Use the below space to create your Force Diagrams.

| add diagram | add diagram |
| :---: | :---: |
|  |  |

How does a larger unbalanced force change motion? Answer using evidence from your experiment. answer here

