

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

Date: \_\_\_\_\_

### Physics of Paper Airplanes: In-class Worksheet

#### Part 1: Forces

Name some examples of forces.

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Define Newton's Third Law, in your own words.

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#### Part 2: Free Body Diagrams

Please draw out Free Body Diagrams for the following pictures.

An airplane on the ground



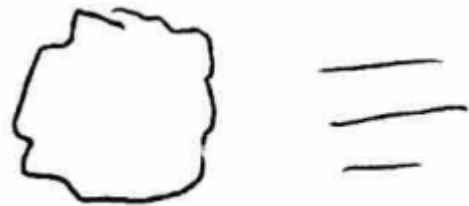
An airplane in the air



A paper plane in the air



A paper ball in the air



#### Part 3: Torque

Define torque, in your own words

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