

Name:

Date:

Class:

## Engineering Design with Application to Unpowered Flight Worksheet

1. Create a checklist of needs and constraints:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

2. In the spaces below, draw different tetrahedron kite designs. If more space is needed, use the back of this sheet, or a blank piece of paper stapled to this sheet. Draw arrows to show the forces from wind and gravity.

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3. In the spaces below, draw your redesigned tetrahedron kite design and describe how and why you changed the initial design.

	<b>List of changes made and reasons why:</b>