Types of Kites
Box, Diamond, Delta
Box Kite

- Meteorology purposes
- Technologically Advance
- More Materials used
- Easy to fly
- Can be recreational
- Not Cheap
Delta Kite

- Chosen Kite design by our group
- Easy to make
- Similar to Diamond design
- Cheap
- Also, recreational uses
Diamond Kite

- Recreational Purposes
- Simple Kite design
- Not very technologically Advanced
- Usually thought when kites are mentioned
<table>
<thead>
<tr>
<th>Desired Objectives</th>
<th>Use for a Task</th>
<th>Suitable for the Task</th>
<th>Helps Manage Resources</th>
<th>Technology Feasible</th>
<th>Possible Cost</th>
<th>Safety</th>
<th>Total</th>
<th>Weight Factors</th>
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<th>Comparison Criteria/ Features</th>
<th>WF</th>
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<th>Box</th>
<th>Diamond</th>
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Construction

- Simple Triangle design
- With a keel
- Very cheap
- Materials
  - Duct Tape/Electrical Tape
  - Light Weight Wood
  - Kite String
  - Plastic Wrap
Practical Usage

- Photography
- Recreational Activities
- Gifts for kids under age of 13
- Usually used by families on the beach, during picnics, or on a nice sunny day
How to Fly it
The Kite was top heavy
- Not enough structural support
- Cracked on landing
- Needed more wind
Modifications

- Changed Length of String
- Made it less top heavy
- Used less tape