Diamond Design

- Classic
- many designs
- easy to make
- 4 corners
- 2 dowel rods, string, kite skin, tape, scissors, hole puncher
Diamond Practicality

- This kite flies
- good wind range
- light
- easy construction
- it has a lot of flat surface area for art and customization
Sled Kite design

- simple design
- 2 vertical rods
- each side is attached with one string
- right and left stings come together and attach to the line
Sled Kite practicality

- light weight
- easy to construct
- works well with 5-15mph winds
- works with or without tails
- allows room for designs
- also complex types of sled kites
Ship Kite

- Inspired design
- Unique Shape
- Unrivaled beauty
Practical Application

- Large kite design
- Fairly Heavy
- Features Large Sails
- Does well in high winds
- Looks phenomenal
Delta Design

A lot of flat surface area for greater lift
Delta wing works well with no wind as just a little air will put this kite in the sky.
Triangle shape, just like a delta. Generates vortices at different points in shape to create lift.
Concord

The Concord was able to fly at supersonic speeds due to the delta shaped wing.

More lift from the wing and it avoided the Shock wave generated by the nose of the plane.
Sources

http://www.kitesinthesky.net/pdf/frustrationless-flyer.pdf