



# Project: To Me a Kite Is?

## The Project

As a project develop a visual display which presents aspects of the issue of what a kite is. Your display will be several pages to go in your notebook. The display must satisfy these conditions.

**Condition 1:** Include lots of examples, some which are kites and some which are not kites (and possibly some examples which are ambiguous). Be sure to give enough examples to illustrate ideas presented in the text.

**Condition 2:** Include at least two apparently different definitions of a kite which are actually the same (that is, examples which satisfy one always satisfy the other).

**Condition 3:** Include at least one “definition” which is not a good definition of a kite and illustrate why it is not.

**Condition 4:** Give and illustrate at least two properties of kites in addition to the definitions.

**Condition 5:** Address the issue of whether kites are convex or not.

One approach would be to have an introductory sentence or paragraph along with numerous examples identified as either kites or not kites. These example could be numbered for later reference. Then a series of statements of the form “A kite is . . .” or “A kite always . . .” could be given with examples and brief commentary about whether the statements are good or bad definitions or properties of kites.