

NAME: _____ DATE: _____

PROBLEMS TO GET YOU STARTED

What problems did you or others (of different ages and abilities) experience:

- Decorating the kite? *Think about the shape of the sled, its size, how far in the sky it will fly, and materials you used to decorate.*
- With the assembly of the the kite? *Think about the skills needed - following instructions, tying knots, approximating half, using tape or stickers etc.*
- With the materials of the kite? *Think about the Tyvek sled, the dowels, the stickers, the flying line, the handle... what could you change to fix a problem?*
- Launching the kite (alone, or with a partner)? *Think about launching from a stand still vs running, a stable lift, how high the kite rose in the sky.*
- Flying the kite? *Think about keeping the kite in the air, stability, getting tangled with other kites, crash landings.*
- Landing the kite? *Think about getting the kite to land where you want, preventing or untangling tangled and twisted lines.*
- Design a way to use a kite to perform a function or meet a need. *Think about communication, transportation, artistic merit, scientific uses, military, generating power...*

