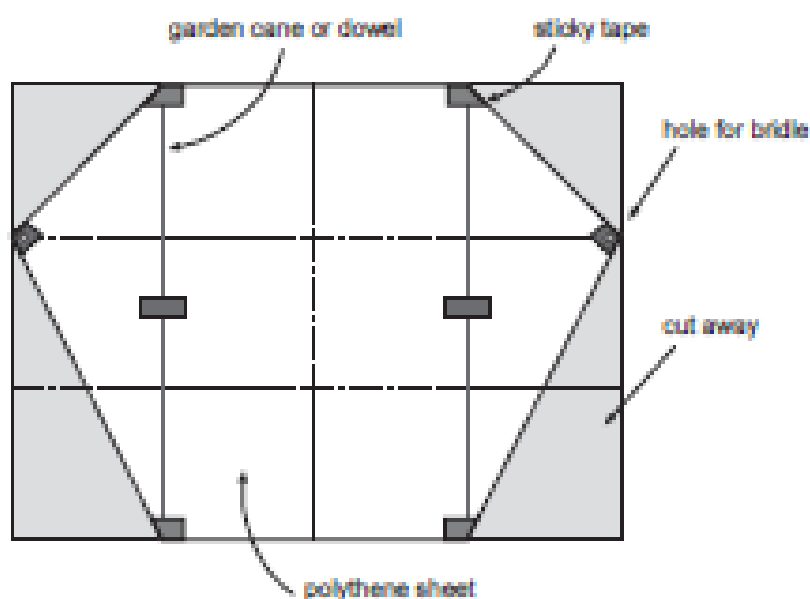


Activity

3

Making a Scott Sled kite

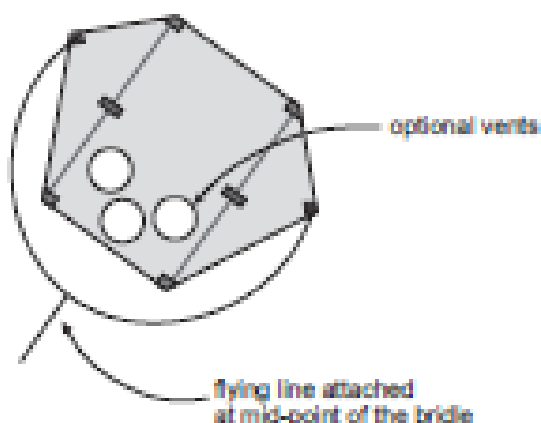


In 1950 William M. Allison in the USA invented a completely new kind of kite. This design was improved by Frank Scott in 1964.

The Scott Sled kite is very simple to make. It can be made almost any size using the shape shown here.

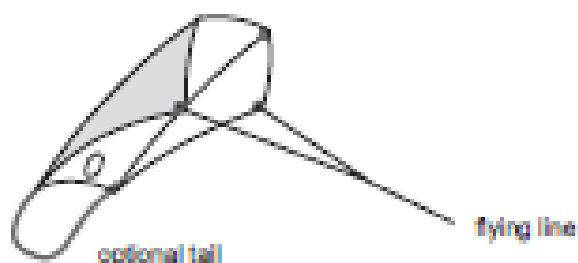
Using the squares for guidance, make a large copy of this shape on a polythene bin liner or carrier bag.

Use sticky tape to fix the rods in place and to strengthen the corners where the bridle lines are attached. You could try vents (holes) in the lower half, or add a strip of polythene as a tail.



Plan your own investigations to see if the shape and number of vents in the bottom half of the kite affect the way in which the kite flies.

Does the type of tail you add make any difference?



In each investigation

- What will you change?
- What will you keep the same?
- What will you look for, or measure?
- How will you record your observations?
- What is the question you are trying to answer?