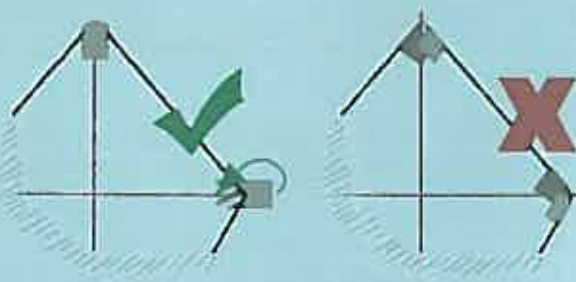




Your kites will fly brilliantly if you follow these instructions.

1. **Follow these instructions – DO NOT GUESS** how to attach your frame. For strength, it attaches in a very special way.
2. **Turn your kite into a work of art.** Kites always fly better when they look good! You can draw on either or both sides, using crayons, felt pens, pencils or paint. Remember that when flying your kite you will see only one side though, and the birds will see the other. To optimize your drawing when it is high in the sky, strong bright colours and big designs look fantastic.
3. **Turn your kite over** so that your main drawing is face down. The frame will go on the back.
4. **Preparing your double strength spine.** You need to tape one of the shortest and the longest stick together so your spine is stiffer. **Put the short stick in the middle of the long - not at the top and not at the bottom.** Using 2 pieces of sticky tape as long as your little finger, tape the short and long together securely, so they are like one stronger stiffer spine.
5. **Attaching your Spine. – the MOST IMPORTANT PART!!!**

For this job use 2 pieces of tape that are as long as your longest finger (one for each end of the spine). Lay your double strength spine on your kite from top to bottom corner. Attach the tape along (not across) the end of the spine so half is on the spine and half is hanging over the end of your kite (see diagram). Now fold the overhanging half over and down the other side of your kite. The tape should now be covering the end of the spine with half the tape on each side of the kite.



Squeeze and press the tape very hard so there is absolutely NO AIR under the tape. Do this and your kite will be very strong and last for ages. Attach the bottom end of your spine in exactly the same strong way.

Caution You may discover that your spine or crossbar is a little longer than your sail. If so, don't worry. Just tape the same way. Do NOT bend your frame to make it fit. Bent frames will cause your kite to not fly. Your spine and your crossbar must be fairly straight when you are building your kite; if the spars stick out past the sail fabric it is not a problem.

6. **Attaching your Crossbar** – You will need 2 pieces of tape for this...one for each end of the crossbar. Lay your crossbar across from corner to corner. If it is a little longer, just make it even on both sides. **Do not bend it to fit!** Your crossbar must stay straight. You can fit it over or under the spine. **Attach** your crossbar in the same strong way as your spine (by putting your tape along the frame, over the end, then on the other side of the sail). **Squeeze and press the tape really, really hard.**
7. **Attaching your string**– Hold your string near the end and start from the front, picture side and feed the string through the centre hole towards the frame. Once you have the handle/string on the frame side, put it diagonally across all the frame (where the spine and crossbar cross) then feed it back through the centre hole. (The string should be around all the frame now), and tie any simple good knot. A granny knot works fine. Any knot will do if it stays done up.



SAFETY FIRST: Before the students move from their desks, remind them to walk around with their kite in one hand and carry the tails in the other hand. Tails dragging on the floor can be a trip hazard and also damage the kites.

8. **Your tail** – Attach 2 tails to the bottom corner of your kite using tape on either the front or the back. Just be sure that it is stuck on securely, and will not come off. Alternatively, tie a simple knot around the base of the spine with the tail itself, and avoid using tape.
9. **Launching your kite** – You can launch your kite without help from any other person if you know how. Here's how:
 - Check which way the wind is blowing, by dropping some grass or sand in the wind.
 - Let out a small amount (a few metres) of string and hold your kite downwind of you in the flying position (with your picture facing you). **Now lay your kite straight down so that the picture side is on the ground – “the launching position”** (the frame should be up)
 - Now walk or run a little towards the wind.....and your kite will launch. If you run with your kite on the ground picture side up (frame down) it will generally not launch – we call this the “dragging along the ground position”.
10. **Avoiding tangles.** Keep your line **tight at all times**, never let it become slack. Slack or loopy string gets in tangles very easily. Always let the string roll off the middle of the handle. **NEVER LET YOUR STRING COME OFF THE END OF THE HANDLE.**
11. **Low winds and High Winds.** Your kite will fly really well in zero or low winds, just run! In very, very strong winds it may not fly well, but if you add more tails (resistance, drag) it will fly better.
12. Enjoy your kite flying ☺.

How to avoid string disasters

The only potential for difficulty with Bambi and Indestructa is the string tangling on the black plastic tube handles. This can happen by accident if the children are not careful. You have two ways to avoid this potential hassle.

- Allow extra in your costing and purchase the yellow deluxe kite handles or
- Educate your children on how to avoid tangles (check out website for detailed photos).

To educate your children on avoiding string disasters on the black tube handle, teach them the following:

1. The string should always be in the center of the tube handle, never near the ends!
2. Sometimes the string can accidentally get near the ends and come off the end of the handle in a bunch.DISASTER.....TANGLE!!!!
3. To prevent this, if the string looks like it is getting near one end, **DON'T LET IT!**
4. **PUSH IT BACK INTO THE MIDDLE OF THE HANDLE....very easy to do.**
5. **NEVER, EVER, EVER, EVER** let the string get near the end of the handle.
6. To use the handle, let some string out and put the string between your fingers, and lay the handle across the palm of your hand.
7. Now close your hand and grip the handle tight. This is how you hold the handle when flying your kite. The string should be coming off the handle and between your fingers to the kite (see diagram).
8. To let the kite fly higher, simply loosen your grip on the handle and the handle will spin inside the closed hand, letting the kite go higher.
9. To wind up the string it is best to roll the handle up rather than wind the string on. This will avoid the string becoming very twisted.
10. There is 20m of string on your handle; if you do end up with a knot, cut the tangled part off and off and re-attach the handle to the kite as at step 8 above.





Questions and Answers about Bambi and Indestructa

(Bambi has a bamboo frame & Indestructa has a fibreglass frame)

Q. Will your kite fly when there is no wind?

A. Sure, so long as you run with it. Running slowly (as fast as a 4 year old); is enough you don't need much wind.

Q. Will your kite fly in very strong winds?

A. Sure, but it won't fly in very, very, very strong winds, because the spine will be bending too much and your kite will lose its shape.

Q. Can you launch your kite by yourself with no help from any other person?

A. Sure, so long as you set it on the ground in the "launching position" with the picture side down, string underneath the kite, and frame up.

Q. How durable is the sail fabric?

A. Very durable. The sail is made of Tyvek. It is a woven plasticised paper, impervious to air and water, and extremely tear resistant. If you try to tear your sail you can't. But if you try really, really, really hard to tear it, then you might be able to. Your kite sail will never tear accidentally. Sometimes Bambi and Indestructa kites have been accidentally caught in trees, but so long as you can remove the kite from the tree, the kite is almost never damaged.

Q. Will the Bambi frame break in the wind?

A. No, the bamboo frame in Bambi will flex / bend in the wind, and will never break by wind force alone.

Q. Can the Bambi frame break at all?

A. The Bambi frame is made of bamboo and will break easily if you try to break it. It will also break if you have an accident, by crashing it into another kite, sitting on it, slamming the car door on it etc.

Q. After flying Bambi in strong winds, my frame is bent and now won't fly well in light winds. What can I do?

A. Your Bambi frame is remembering the bend it had in the strong winds. You need to wipe the memory.

To do this you need to remove the spine, wet it, straighten it and keep it straight, while allowing it to dry. Then reattach the spine using some more tape.

Q. What is the difference between Bambi and Indestructa?

A. Indestructa is a scaled up version of Bambi. It has 40% more sail area. Also, the frame is made of virtually indestructible fibreglass, so there is no reason Indestructa won't last for years. Older kids generally prefer the extra size and the toughness of Indestructa. Both Bambi and Indestructa fly brilliantly, although with its extra sail area, Indestructa can fly higher.



The Kite Crew.....when every child's kite needs to fly

Feedback? Suggestions? Queries? Please contact Trina

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