

WELCOME TO KITE FEST!

Calling all kite lovers! Do you want to use your creative minds to be a part of Kingston's first Kite Festival? MyKingstonKids is celebrating our 7 year anniversary of Kids Fest by taking it to the skies. We're asking everyone to get together and build/design a kite that reflects your business, your schools, and your own interests. Your kite should be a reflection of you, and we want to see you soar!!

Have fun and enjoy this unique family event that looks to draw the ever popular MyKingstonKids Fest crowd. The MyKingstonKids Kite Festival is a lively and interactive event designed specifically for children and families. Set against the backdrop of Kingston's beautiful parks, the festival brings together kids of all ages to celebrate the joy of kite flying. Children can unleash their creativity by decorating their own kites or participating in kite-making workshops, where they learn to craft unique designs. Once their kites are ready, kids take to the skies to see their creations soar alongside a kaleidoscope of colorful kites filling the air. The festival will also feature fun-filled activities, games, live music, and delicious food vendors, ensuring a day of laughter, excitement, and unforgettable memories for everyone involved.

THIS FESTIVAL IS FREE FOR ALL TO PARTICIPATE!



Feel free to soar with your creativity and join us in flying kites at your own pace during this event. Participation in the Kite competition is optional, allowing everyone to enjoy the event whether they choose to compete or simply take part in the leisurely kite-flying experience.

MyKingstonKids Kite Fest

Saturday, May 18th, 2024 (RAIN DATE SUNDAY, MAY 19TH)

Kite Fest starts at 11:00am and will conclude at 4pm

Kingston Point Beach, 102-144 Delaware Ave, Kingston, NY 12401

Event is Free for all!

[Vendor spaces are available](#)

[Sponsorship opportunities are available](#)

[Register for Kite Competition](#)

Thanks to our MyKingstonKids Buddies for making this event possible.

Ulster Savings Bank, Rupco, Radio Kingston and M&T Bank.

Contact info: info@mykingstonkids.com, 845-896-0105 ext 8

For more event details visit www.mykingstonkids.com

KITE COMPETITION RULES

What are the rules for a kite flying competition?

Kite Flying Rules

- The participants are prohibited from flying their kites during the wet or stormy weather to keep their lines dry.
- Flying the kites around the power lines or transmission towers or the antennas is completely prohibited.
- Kites must be flown in designated kite flying area only.

Kite Competition Rules & Regulations

- All kinds of kites are accepted.
- Youth competitions are for contestants up to 16 years of age.
- Contestants may enter only one kite per event. However, they may enter every event using a different kite for each event.

- Kites must fly to qualify for judging.
 - Awards will be given to first, second and third place winners in each event. Judges' decisions are final.
 - Contestants must register before the contest and display their number at all times. Adults may assist children with their kites.
- Registration opens 10am March 1st 2024.
- Kites entered in the contest must not contain a motor or 'drone'. Powered kites are not acceptable for competition. Dual line kites are not eligible to compete.
-

MyKK KITE COMPETITION CATEGORIES

Submissions should be eye-catching as prizes will be given!!

KIDS (16 and under)	ORGANIZATION/BUSINESS	COMMUNITY MEMBERS
MOST CREATIVE	MOST CREATIVE	MOST CREATIVE
MOST INNOVATIVE	MOST INNOVATIVE	MOST INNOVATIVE
PEOPLE'S CHOICE	PEOPLE'S CHOICE	PEOPLE'S CHOICE

[Register for Kite Competition](#)

UNDERSTANDING KITES

AERODYNAMICS

Regardless of the design, a kite must conform to the laws of aerodynamics and embody

Three fundamental characteristics:

- An aerodynamic structure to gain lift from the wind
- A tether to keep it from blowing away
- A bridle to direct the kite face at the proper angle to the wind

A bridle consists of two or more lines attached directly to the kite face. The bridle lines are connected to each other, forming a tow point adjustable for the prevailing wind conditions. One end of the tether is connected to the tow point, and the other end is most often attached to a

hand-held reel in order to manage the flying line efficiently. Some kite designs do away with bridles altogether by having their tethers connected directly to a fixed fulcrum point along the mast or to a keel (as with the delta kite) or series of fins (as with the parafoil) attached perpendicularly to the lifting surface. Locating a kite's precise fulcrum, or tow point, allows successful flight.

Three main forces control kite flight:

- Lift
- Gravity
- Drag

A kite flies because the lifting force of the wind overcomes both the downward pull of gravity and air resistance to the forward motion of the kite called drag. When tethered and fixed in a position to gain lift from the wind, a kite maintains a perpetual stall—a poor aerodynamic design for an airplane but essential for a kite flying at a stable and positive angle with respect to the horizon.

FLAT KITES

Flat kites require a tail for drag, which keeps the nose up and creates balance, much like a raft needs a rudder for directional stability.

BOWED KITES

Bowed kites with a bowline strung across the back do not require a tail, since the face takes on a curve, or dihedral angle, which acts much like the bowed hull of a sailboat utilized for self-correcting buoyancy. The box, compound, sled, delta, parafoil, and rotor are inherently stable and typically do not require tails.

The four forces of flight

- Lift
- Weight
- Drag
- Thrust

Affect kites in the same way they affect airplanes, and anything else that flies. Lift is the upward force that pushes a kite into the air. Lift is generated by differences in air pressure, which are created by air in motion over the body of the kite.

KITE MAKING PLANS AND EXAMPLES

1. **Step 1: The Materials. ...**
2. **Step 2: Cut & Tie the Frame. ...**
3. **Step 3: Cut the Sail. ...**
4. **Step 4: Tie the Sail to the Frame. ...**
5. **Step 5: Attach the Flying String. ...**
6. **Step 6: Make a Ribbon Balance. ...**
7. **Step 7: Decorate Your Kite. ...**
8. **Step 8: Find Wind and Fly!**

Step 1: The Materials Need: a plastic bag, two sticks, string, scissors, and ribbon. Optional: tape and/or glue *The sticks can be garden stakes, dowels, straight twigs, or skewers taped together.

Step 2: Cut & Tie the Frame Cut the cross stick about 4 inches shorter than the main stick. Then take the two sticks and tie them together with a piece of string. The cross stick should be tied about one third of the way down the main stick – making the shape of a lower-case t.

Step 3: Cut the Sail Trace and cut the garbage bag to fit the frame of the kite.

Step 4: Tie the Sail to the Frame Tie the ends of the sail to the wood frame. No need to use glue or tape – though it may be helpful. Keep the knots tight!

Step 5: Attach the Flying String First, tie a piece of string from one side of the cross stick to the other, leaving slack to form a triangle. Then, tie the end of the spool of string to the bottom portion of the main stick, loop under the slack cross string and tie a simple knot at the intersection of the two strings (so it forms a triangular pyramid shape). *Hint: if you can't figure out how to tie it with the spool of string attached, you can cut it and then attach the flying string after by tying a knot near the top of the triangular pyramid.

Step 6: Make a Ribbon Balance Tie ribbons to the end of the kite in order to help balance it. You can even attach a small weight, like a washer, if the ribbons don't seem hefty enough for your kite.

Step 7: Decorate Your Kite Optional: color on, add stickers, ribbons, etc. to decorate your kite.

Step 8: Find Wind and Fly! If you can get an open field and some gusts going, you'll be in business. Your back should be toward the wind. The best way to launch the kite is to have a friend hold it while you back up slowly into the wind. Have your friend let go of the kite and let the string out. *Common Misconception: You don't need to run to get the kite flying...though sometimes holding the kite and running into the wind is more fun!

EXTRA RESOURCES

Kite plans & example links

1. <https://www.kite.org/wp-content/uploads/2020/12/garbage-bag-kite-1.pdf>
2. <https://www.kite.org/about-kites/kite-plans/>

[Register for Kite Competition](#)

Contact info: info@mykingstonkids.com, 845-896-0105 ext 8
For more event details visit www.mykingstonkids.com

MyKingstonKids presents

MyKingstonKids Kite Fest



Kingston Point Beach

Saturday, May 18th, 2024 | 11am - 4pm

Rain Date: Sun. May 19th

Bring your Kites and come take flight!

Kite Competition, Performances, Vendors, Activities & More

For tickets visit mykingstonkids.com