



# Sustainability Scavenger Hunt

Brooklyn Bridge Park was designed with sustainability in mind, meaning it has incorporated practices of reducing, reusing, and recycling materials during the park's construction and daily upkeep.

Follow the numbers on the map to answer these scavenger hunt questions!

1) Look out towards Pier 2. You will notice several pilings sticking out of the water. Pier 1 used to extend out further. When redesigning the piers as park space, the extra wood pilings that held up the pier were left in place because they create new habitat. Algae grows on the pilings which is a food source and hiding spot for small marine animals. Sometimes larger predators will linger near these pilings in hopes of finding a meal. Can you name at least 2 animals that might like to spend time near these pilings?

2) Head over to the stairs at Granite Prospect. These stairs were built using recycled rock from the deconstructed old Roosevelt Island Bridge. There are more stairs near Jane's Carousel, also made from the same rock. Take a good look at the pier 1 granite prospect stairs. You will need to search for similar stones elsewhere in the park! Climb the stairs and count them as you go.

There are \_\_\_\_\_ stairs at Granite Prospect.

3) I am located on a tall pole above your head. I am dispersed throughout the park and help you see at night. I turn on at sundown and slowly dim throughout the night as visitors naturally leave the park and don't need me to be a full strength. Because of this I use only the amount of electricity necessary. What am I?

4) The ponds you see at Pier 1 are actually a part of an important stormwater collection system! When it rains, the ponds flow into each other and eventually into gigantic underground storage tanks How many water collection areas (ponds) can you count? Hint- more than 1 and less than 5.

Rainwater that is collected and reused is called grey water. What do you think we use the collected rainwater for?

- 5) Recycled wood is used throughout the park. A lot of this wood came from an old warehouse that once stood near Pier 1. Instead of throwing out the wood framing from the old building, it was salvaged to make something new. Have you seen any wood structures in the park? What are they?
  
- 6) Look at the top of the Lizzmonade Stand, What do you see on the roof? Why do you think those are there?
  
- 7) The white and red building at the entrance of pier 1 is the old fireboat house. Walk just a little further, towards the Brooklyn Bridge. You will see a small brick structure, the Smokestack Building, which was the boiler house for a set of shipping facilities that used to utilize the waterfront. These historical buildings were renovated and reused for new purposes. What can you find at these 2 buildings today?
  
- 8) Near Jane's Carousel you should recognize some recycled granite rock you've seen once before. How many stairs do you see this time?
  
- 9) Pay attention to the shorelines as you are walking through the park and compare to the seawall across the water that borders Manhattan. What differences do you notice? Brooklyn Bridge Park use more natural materials which help protect from storm surges and provides habitat for aquatic species. What are some of the materials used to create the shorelines at our park?
  
- 10) The 99 Plymouth Street Building is originally a red brick building, but it has been painted the color \_\_\_\_\_. On hot days, darker materials like black pavement absorb heat and get hot very quickly. The building is painted \_\_\_\_\_ to reduce heat absorption and keep it cooler in warmer months. This helps use less electricity for \_\_\_\_\_.

99 Plymouth Street Building also has a lot of large windows. If your building has a lot of windows, this can help you use less electricity for \_\_\_\_\_.

- 11) Brooklyn Bridge Park has a lot of sustainable design elements and you have seen and learned a few of them today. There is always room for improvement. Tell us one idea you have that could make the park more sustainable.

# Sustainability Scavenger Hunt Map

Use this map as a guide for where to go to answer each scavenger hunt question!  
Begin at the southern end of Pier 1.

