

# ABOUT US

THE **BROOKLYN BRIDGE PARK CONSERVANCY'S** EDUCATION PROGRAM HAS SERVED OVER 120,000 CHILDREN AND FAMILIES. CLASSES USE THE PARK AS A LIVING LABORATORY FOR HANDS-ON INVESTIGATION, INCORPORATING INQUIRY-BASED AND EXPERIENTIAL LEARNING INTO EACH SESSION.

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OUR **ENVIRONMENTAL EDUCATION CENTER** HOUSES MULTIPLE INTERACTIVE ELEMENTS AND TWO SIGNATURE EXHIBITS:

- THE **EAST RIVER AQUARIUM** WHICH FEATURES A TOUCH TANK AND SHOWCASES FISH AND INVERTEBRATES FROM THE HUDSON RIVER ESTUARY
- THE **DISCOVERY STATION** FEATURING INTERACTIVE MODULES THAT OFFER AN IN-DEPTH LOOK AT THE PARK'S ECOLOGY, HISTORY, AND SUSTAINABLE DESIGN

## REMEMBER!

COVE KITS ARE DUE BACK TO THE ENVIRONMENTAL EDUCATION CENTER AT 99 PLYMOUTH STREET BY 4:30 PM

# COVE KIT ACTIVITY BOOKLET

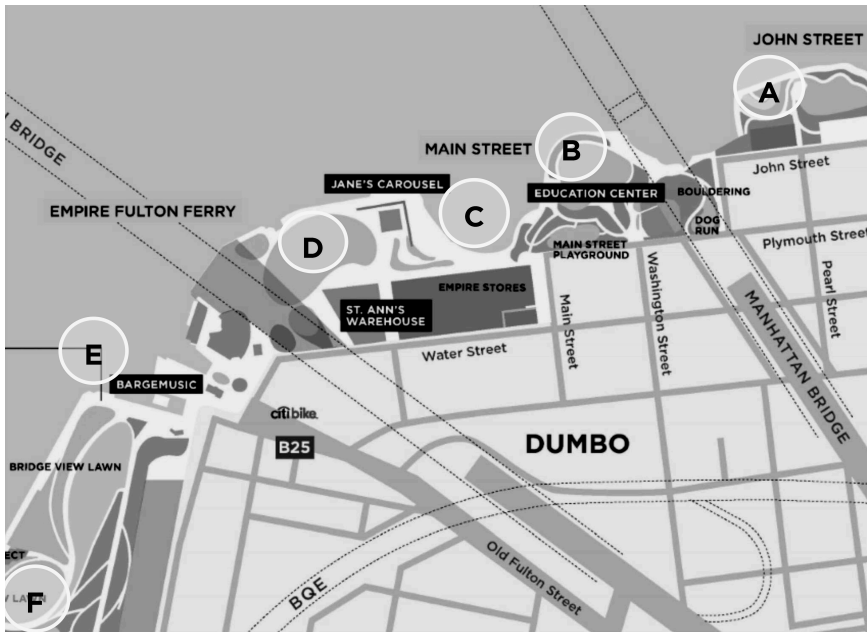
EXPLORE THE ECOLOGY AND HISTORY OF  
BROOKLYN BRIDGE PARK!



## FOLLOW THIS GUIDE ON AN ADVENTURE THROUGH THE NORTHERN HALF OF BROOKLYN BRIDGE PARK!

THE MARKED AREAS BELOW ARE RECOMMENDATIONS OF WHERE  
TO COMPLETE EACH OF THE FOLLOWING ACTIVITY PAGES.

USE THIS PAGE TO DRAW OR WRITE  
ABOUT YOUR FAVORITE THING IN  
BROOKLYN BRIDGE PARK!



SHARE YOUR EXPERIENCE WITH US!

**#BROOKLYNBRIDGEPARK #EDCNTR**

## F. WHERE DO I LIVE?

### WRITE AN ORGANISM THAT BE FOUND:

IN THE SKY:

\_\_\_\_\_

NEAR PILINGS:

\_\_\_\_\_

ATTACHED TO PILINGS  
UNDERWATER:

\_\_\_\_\_

IN THE EAST RIVER:

\_\_\_\_\_



#### DID YOU KNOW?

THE PIERS IN THE PARK ARE HELD UP BY WOOD PILINGS.  
THESE PILINGS ALSO PROVIDE A HABITAT FOR MANY  
ORGANISMS ABOVE AND BELOW GROUND.

**STARFISH, OYSTERS, CLAMS, CRABS, BIRDS, DUCKS, AND ALGAE**  
ARE ALL COMMONLY FOUND ON OR AROUND PILINGS.

YOU CAN SEE MANY PILINGS STILL LEFT IN PLACE FROM AN OLD  
SHIPPING PIER WHICH ONCE STOOD BETWEEN PIER 1 AND PIER 2.

## A. WHAT'S IN THE SALT MARSH?

THE SALT MARSH CONTAINS CORDGRASS WHICH PROVIDES A  
HABITAT FOR DUCKS, CRUSTACEANS, AND BIVALVES. DURING THE  
COURSE OF THE DAY, THE WATER LEVEL IN THE MARSH CHANGED  
WITH THE TIDES.

### DRAW PLANTS AND WATER THAT YOU SEE



#### LET'S COUNT!

I SEE \_\_\_\_ FOOTINGS

#### DID YOU KNOW?

DURING THE DEVELOPMENT OF THE PARK, MANY  
HISTORICAL ARTIFACTS LIKE THESE METAL FOOTINGS  
FROM AN OLD FLOUR MILL WERE UNCOVERED.

## B. THE BRIDGES

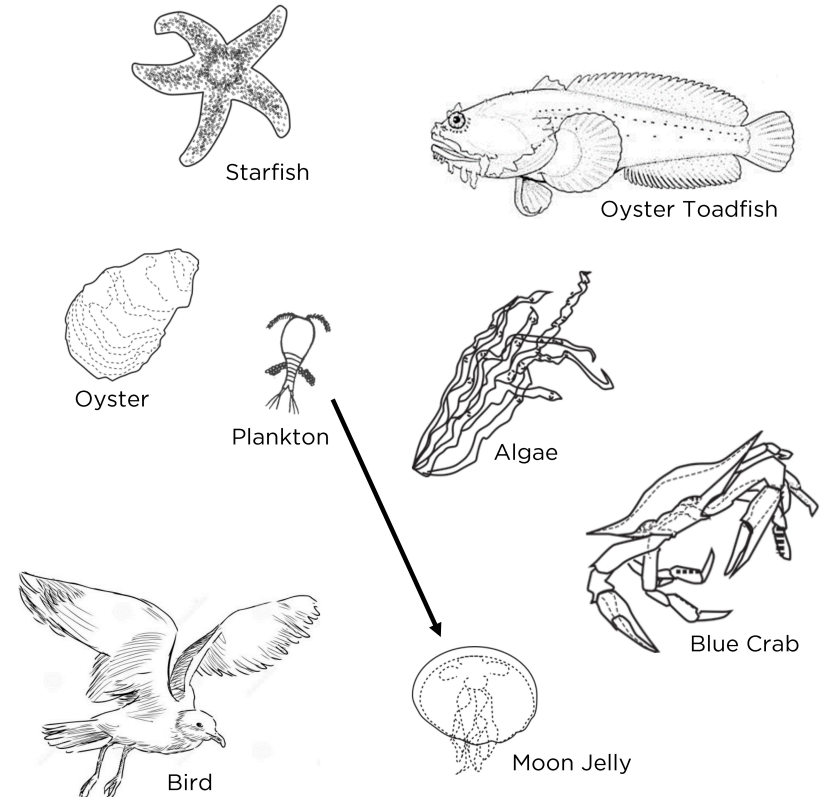
THE BROOKLYN AND MANHATTAN BRIDGES ARE SUSPENSION BRIDGES. THAT MEANS THE DECK WHERE CARS, TRAINS, AND PEOPLE TRAVEL IS HELD UP (IS SUSPENDED) BY VERY STRONG CABLES!

### COLOR IN THE BROOKLYN BRIDGE



## E. FOOD WEB

**DRAW AN ARROW TO THE PREDATORS OF EACH ANIMALS**



### DID YOU KNOW?

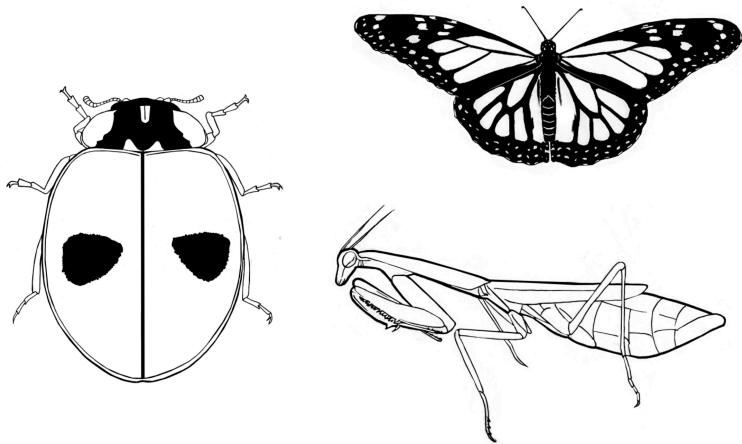
THE EAST RIVER IS AN ESTUARY — IT IS A MIXTURE OF SALTWATER AND FRESHWATER. AN ESTUARY IS A GREAT HABITAT FOR A DIVERSE SET OF ORGANISMS.



## D. BUG HUNT

### USE YOUR MAGNIFYING GLASS TO HUNT FOR BUGS.

LOOK FOR A MONARCH BUTTERFLY, A LADYBUG, AND A PRAYING MANTIS. COLOR AND LABEL ONCE YOU FIND THEM!



DID YOU FIND ANOTHER INSECT OR ANIMAL IN THE TREES?  
DRAW IT HERE!

### YOUR TURN: DRAWN THE MANHATTAN BRIDGE





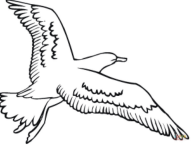











### LABEL YOUR BRIDGE USING THE TERMS BELOW:

- TOWER** | STURDY, VERTICAL STRUCTURE THE MAIN CABLE HANGS FROM
- CAISSON** | FOUNDATION ATTACHING TOWER TO BEDROCK DEEP UNDER THE RIVER
- MAIN CABLES** | MADE OF 5,282 WIRES SPUN TOGETHER; HANG FROM TOWERS
- STAY** | DIAGONAL CABLES HANGING DOWN FROM THE MAIN CABLE
- SUSPENDERS** | VERTICAL CABLES HANGING DOWN FROM THE MAIN CABLE
- DECK** | ROADWAY, OR PART USED BY CARS, TRAINS, BIKES, AND PEDESTRIANS

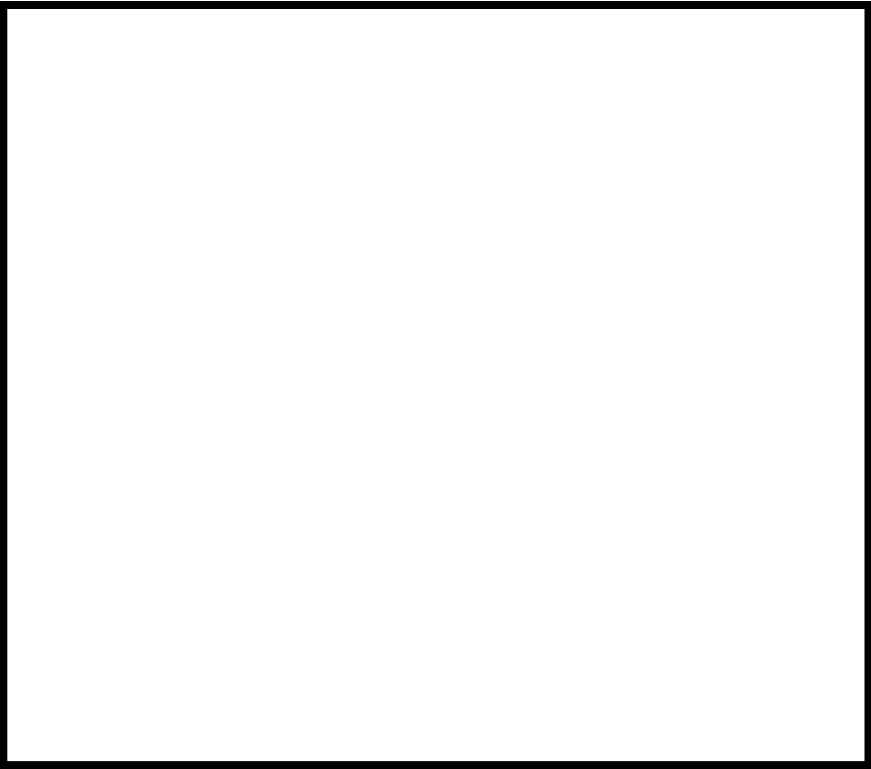
# C. BEACH BINGO

ADVENTURE OVER TO THE BEACH BEHIND THE ENVIRONMENTAL EDUCATION CENTER, OR THE COVE NEXT TO JANE'S CAROUSEL. PLAY ALONE, OR WITH A FRIEND AND TRY TO SPOT AS MANY OF THESE AS YOU CAN. CHECK OFF YOUR BOXES USING A PENCIL OR COVER WITH SMALL, NON-LIVING ITEMS LIKE ROCKS!

			
Smooth Rock	Drift wood	Rockweed	Bird feather
	<b>FREE SPACE!</b>		 Scud (hint: look under wet rocks!)
Bird flying		Shell	
		 Crab (hint: look under wet rocks!)	 Bird searching for food
Leaf	A manmade object		
 Barnacles (hint: look on rocks!)	 Duck	<b>EARTH SAVER!</b> Pick up 5 pieces of litter and throw in the trash can!	 Red Algae

# D. LEAF RUBBING

PUT A LEAF, VEINS UP, UNDER THIS PAGE. HOLD YOUR CRAYON **SIDEWAYS** AND RUB OVER THE BOX BELOW.



**DID YOU KNOW?**  
TREES ARE INCREDIBLE IMPORTANT IN AN URBAN ENVIRONMENT BECAUSE THEY PROVIDE HABITAT, ASSIST IN ABSORBING RAINFALL, AND WORK TO IMPROVE AIR QUALITY. MOST PLANTS AND TREES IN BROOKLYN BRIDGE PARK ARE NATIVE. THEY ARE GREAT FOR ATTRACTING LOCAL BIRDS AND INSECTS!