

Seabin Activity Sheet

Nauticus Seabin Project

Nauticus helps to keep our Elizabeth River clean by using Seabins. These are really cool collecting bins that are attached to our marina docks to remove marine debris (trash) out of the water. Common items we find in our Seabins are plastic straws, Styrofoam cups, bottles, snack wrappers, cigarette butts, and even leaves. Let's do some fun activities to learn more about how important Seabins are to Nauticus and our Elizabeth River!

Seabin Math

- 1) If a Seabin can filter 7 gallons of water every hour, how many gallons does it filter in a 24 hour day?

- 2) Our Seabins can collect up to 18 pounds of trash in one day. If we have collected a total of 1,000 pounds of trash so far, how many days did it take to collect that amount?

Seabin Activity Sheet

Let's "Sea" How Long It Takes! Activity

Marine Debris can stay in the water for a long time because it takes a while to breakdown. Let's "sea" if you can match up how long it takes for these items to go away. Draw a line from the item to the correct time.

Plastic Bottle	1-10 Years
Styrofoam Cup	450 Years
Aluminum Can	50 Years
Cigarette Butt	200 Years

Just like we are using our Seabins at Nauticus to clean up our environment, so can YOU! Tell us ways that you can help clean up, too!

Sources: seabinproject.com, namepa.net/education, seagrant.whoi.edu, 2020