

## Classroom Activities & Website Resources:



**Terra Ay Ay St. Croix  
Air Quality Network**  
Source: Terra Ay Ay Project  
<https://bit.ly/TAA-AirNetwork>

### “Creating Healthy Indoor Air Quality in Schools”

Source: US Environmental  
Protection Agency (EPA)  
[www.epa.gov/iaq-schools](http://www.epa.gov/iaq-schools)



**Environmental  
Curriculum Resources**  
Source: US Environmental  
Protection Agency (EPA)  
<https://www.epa.gov/students>

### “Air Quality Flag Program Classroom Curriculum”

Source: AirNow.gov  
<https://bit.ly/airnow-curriculum>



**Air Quality Classroom  
Activities**  
Source: UCAR Center for Science  
Education  
<https://scied.ucar.edu/activity>



### Become a community scientist!

Get an outdoor sensor to install at home.

<https://www2.purpleair.com/products/list>



# What's in the Air?



Scan Code for  
a Real-time  
Air Quality  
Map for  
St. Croix!

[terra-ayay-project.org/air-quality](http://terra-ayay-project.org/air-quality)



**Terra Ay Ay is a Citizen-Science Project Collecting  
Data on St. Croix's Air, Water & Soil Quality**  
[www.terra-ayay-project.org](http://www.terra-ayay-project.org)



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# The map



On January 5th, 2025, 11:32:50 AM AST

**Real-time US EPA PM2.5 (US EPA) (AQI) is now 5**

0-50: Air quality is satisfactory, and air pollution poses little or no risk with 24 hours of exposure.

Now	10 Min	30 Min	1 hr	6 hr	1 Day	Week
5	6	6	6	12	12	11

Sensor: TAA - FSTED Town

A B ✓ 100% PA-II-FLEX 7.04

Get This Widget



## Air Quality Colors



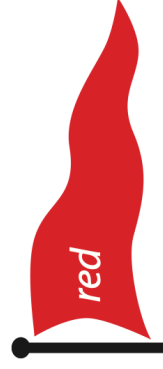
It's a great day to be active outside!



It's a good day to be active outside.



It's OK to go outside and be active for recess or PE class. For longer activities, take it a little easier.



Take it a little easier if you do any outside activities



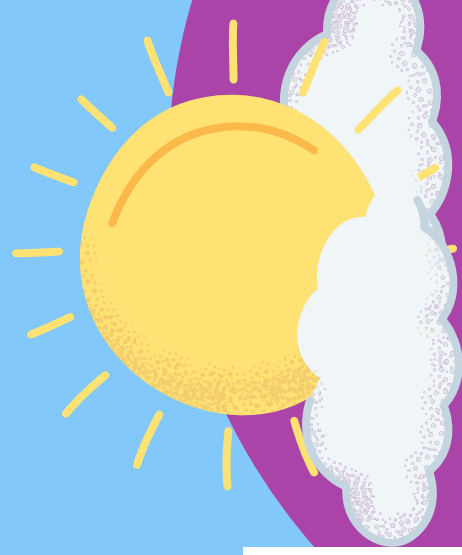
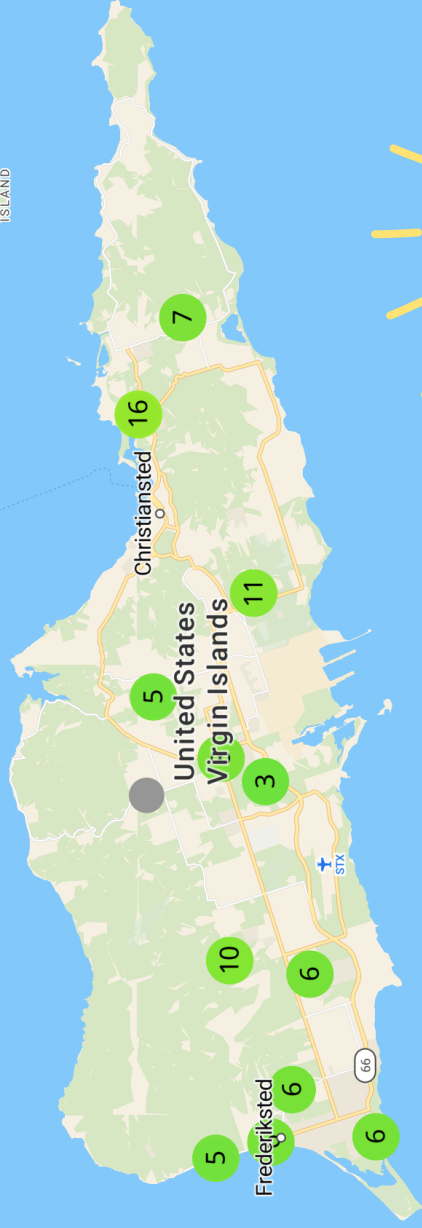
It's a good day to play inside.

## Tips for using PurpleAir Map

(scan QR code with smart camera)



BUCK ISLAND



## Activity Guide

