**BioBlitz Program**

* Overview of QACPS ELit Matrix
	+ 4th grade – change over time
	+ CBEC as a glimpse into the past
* Logistics
	+ 4.25-4.5 hours
	+ 40 students a day - 4 groups of 10
	+ 1-2 CBEC leaders/assistants in each group, 1-2 chaperones with each group
	+ At least 1 CBEC device with each group
	+ Hopefully each volunteer has their own device they are willing to let students use
	+ Teachers and chaperones will be asked to bring devices and have iNaturalist loaded prior to trip. Expect teachers to have this done, but realistically chaperones may not.
* Schedule:
	+ Arrive, Welcome to CBEC, What is Biodiversity and BioBlitz? Purpose of study
	+ 90 minutes – Catch a Bay Critter OR 45 minute Forest AND 45 min Meadow ecosystems
	+ Two groups at Catch a Bay Critter at a time – rotate between tidal pool and beach
	+ One group in the forest while other group is in the meadow for 45 minutes and then rotate
	+ 30 minute lunch in between
	+ 15-20 minute “Tally Rally” at end of the day
* Identification and Upload Data (15 min)
	+ Throughout day and 15 min at end of day
	+ Groups break into 2-3 subgroups. Must have 1 device in each subgroup.
	+ Tables set up with ID books and laminated copies of common species found at CBEC
		- Birds
		- Mammals
		- Reptiles and amphibians
		- Invertebrates
		- Fish
		- Plants
		- Fungi
	+ Attempt to identify at least 1 organism
* Tally Rally (10 min)
	+ Katey will check iNaturalist and announce:
		- How many observations added for the day
		- How many have reached research grade
		- How many species all QACPS students have helped ID
	+ Health impact
		- Groups report and record number of steps
		- Check and record how much water consumed and divide per person
* Conclusion (5 min)
	+ Why is biodiversity important?
	+ How does this data help CBEC?
	+ Encourage future projects