**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