

## CFF/Falmouth High School

### Turtle Tagging Project, 2019-2020

#### Objectives and Timeline

##### Objectives:

Students in FHS Marine Ecology, STEM9 and Environmental Sciences classes 2019-20 will:

- "Adopt" a loggerhead sea turtle with the goal of tracking its movements and behavior remotely during the 2019-2020 school year.
- Participate in dialog with CFF Turtle Research team in person, online and via social media
- Gain a window into the tools and methods used by scientists, science tools and see STEM concepts in action; will apply concepts learned in classroom to active research.
- Make connections between scientific research, fishing and a local, sustainable food system.

##### Timeline:

April 2019 "Clipper Time" Preview - Dr. Samir Patel visits FHS Marine Science classes to present overview of CFF's turtle tagging program.

June 6 - Dr. Patel to affix a satellite tag to a single turtle "adopted by FHS" and release it to sea.

June - September 2019 - CFF collects satellite data; uploads it to CFF website and to FHS Google Classroom

FHS science teacher(s) incorporate concepts into Marine Science curriculum

September 2019 - Dr. Patel visits classrooms to report on data collected during the summer

October 2019 - May 2020

CFF continues to track and monitor turtle satellite data and its location via google maps (Loggerhead is tracked using latitude and longitude coordinates)

CFF shares location and other online and via social media as permitting allows

Students apply concepts learned in classroom to turtle tagging project and vice versa.

Final report due to grantor: Falmouth Fund of the Cape Cod Foundation