

# SeaSHOALS

Discovering marine science with your family at

**Shoals Marine Laboratory**

**Friday August 23-Sunday August 25, 2019**

Leaders: Carol Steingart and Sara Ellis

TAs: Zoe Ross and Grant Moore



## Friday

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- 1:30 SML Vessel departs Portsmouth with SeaSHOALS participants  
Get Acquainted on the boat - Sara Ellis
- 2:45 Arrive on Appledore and unload the boat using the "Human Chain" method
- 3:00 Island Welcome/Introductions/Fire, Water, Safety Talk/Kids Contract
- 3:30 Settle into Dorms - Founders Hall
- 4:00 Natural History Walk and Talk with island staff - Kiggins Commons
- 5:00 SOCIAL for ALL SeaSHOALS participants - Founders Porch
- 6:00 **DINNER - Kiggins Commons**
- 7:00 Life Between the Tides: Stressors and Survival Skills - Palmer-Kinne Lab (PK)  
*followed by Carol's signature* INTERTIDAL BUFFET  
- use dissection microscopes to get a closer view
- 8:15 Marine Themed Arts and Crafts Overview/Free Time - PK
- 9:00 Family time/bedtime with marine-themed books - Founders

# Saturday

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- 6:00 Demonstration of Bird Banding (Group A) - Grass Lab
- 7:30 **BREAKFAST - Kiggins Commons**  
Morning meeting with review of day's itinerary
- 8:30 Fish Printing - PK (save smocks for shark dissection)
- 10:00 Let's Go Tidepooling ! - meet on Founders Porch - (Low Tide at 11:43am)  
-WEAR WATER SHOES and bathing attire underneath shorts!!  
-Learn "tidepool etiquette" and safety tips  
-Collect organisms to bring back to the sea table in PK  
-Sea table explorations and microscope/videoscope viewing - PK
- 12:00 Free Time/Arts and Crafts/Swim/Nap
- 12:30 **LUNCH - Kiggins Commons**
- 1:30 Lobster Lesson with Sara - PK
- 2:30 Break
- 3:00 SHARK DISSECTION OR Arts and Crafts
- 4:30 Free Time/Arts and Crafts/Swim/Nap
- 5:30 Arts and Crafts table is CLOSED
- 6:00 **LOBSTER DINNER - Kiggins Commons**
- 7:00 Carrageenan Contest and Ice Cream Social - Kiggins
- 8:00 Video Shorts (5 minutes each) with short discussion: *Attack of the Green Crab* and *A Climate Calamity In The Gulf of Maine*, then  
I-SPY COASTAL CAMOUFLAGE PowerPoint game  
PATHWAY TO A NAME game
- 9:00 Family time/bedtime with marine-themed books - Founders

# Sunday

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- 6:00 Demonstration of Bird Banding (Group B) - Grass Lab
- 7:30 Pack Up: rooms, arts and crafts, fish prints, and ALL belongings; then place on Founders Porch for pickup by island staff after Brunch
- 8:30 SML ULTIMATE SCAVENGER HUNT - Kiggins porch
- 9:30 Appledore Store will be open - Kiggins
- 10:00 **BRUNCH - Kiggins Commons**  
**\*\*\*Place all luggage out on porch BEFORE coming to Brunch\*\*\***
- 11:00 Closing Meeting
- 11:30 Sustainability Tour with SML Chief Engineer - Kiggins porch  
OR  
Sea Table Critter Release - PK
- 1:00 Trek to the Shoe Tree - Kiggins porch
- 2:00 On dock TO CATCH SML VESSEL to Portsmouth
- 2:15 Depart Appledore (view seals at Duck I. on the way back to Portsmouth)
- 3:30 Approximate arrival into Portsmouth



*Shoals Marine Science*

*is*

*FUN!*

