

2025 FLORIDA 4-H STATE AQUATIC & MARINE ECOSYSTEMS CONTEST SCORESHEET

Instructions: You will conduct 3 water quality tests on the Choctawhatchee Bay, turbidity, pH, and salinity. Instructions for the tests are provided. You will receive 3 points for each correct measurement made. You will identify 6 estuarine species. For each question (labeled A through F) find the correct estuarine species name from the list below and then write the number for that item next to the appropriate letter. You will receive 1 point for each correct answer.

Junior- Coastal Ecosystems Beach, Estuary, Marsh, & Swamp

BADGE NUMBER:

TOTAL SCORE: _____/15

#	Florida Estuarine Species	
	Common name	Scientific name
1	American Oystercatcher	<i>Haematopus palliatus</i>
2	Bay Scallop	<i>Argopecten irradians</i>
3	Common Snook	<i>Centropomus undecimalis</i>
4	Florida Pompano	<i>Trachinotus carolinus</i>
5	Ghost Crab	<i>Ocypode quadrata</i>
6	Laughing Gull	<i>Larus atricilla</i>
7	Pinfish	<i>Lagodon rhomboides</i>
8	Red Mangrove	<i>Rhizophora mangle</i>
9	Smooth Cordgrass	<i>Spartina alterinflora</i>
10	Striped Mullet	<i>Mugil cephalus</i>

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

Turbidity: _____ NTU

Salinity Measurement: _____ ppt

pH: _____

2025 FLORIDA 4-H STATE AQUATIC & MARINE ECOSYSTEMS CONTEST SCORESHEET

Instructions: You will conduct 4 water quality tests on the Choctawhatchee Bay, turbidity, pH, salinity, & a tide chart reading. Instructions for the tests are provided. You will receive 3 points for each correct measurement made, for a total of 12. You will identify 8 estuarine species. For each question (labeled A through H) find the correct estuarine species name from the list below and then write the number for that item next to the appropriate letter. You will receive 1 point for each correct answer.

Intermediate- Coastal Ecosystems Beach, Estuary, Marsh, & Swamp

BADGE NUMBER:

TOTAL SCORE: _____/20

#	Florida Estuarine Species	
	Common name	Scientific name
1	American Oystercatcher	<i>Haematopus palliatus</i>
2	Bay Scallop	<i>Argopecten irradians</i>
3	Black Mangrove	<i>Avicennia germinans</i>
4	Common Snook	<i>Centropomus undecimalis</i>
5	Florida Pompano	<i>Trachinotus carolinus</i>
6	Ghost Crab	<i>Ocypode quadrata</i>
7	Laughing Gull	<i>Larus atricilla</i>
8	Mangrove or Gray Snapper	<i>Lutjanus griseus</i>
9	Pinfish	<i>Lagodon rhomboides</i>
10	Red-Jointed Fiddler	<i>Uca minax</i>
11	Red Mangrove	<i>Rhizophora mangle</i>
12	Smooth Cordgrass	<i>Spartina alterinflora</i>
13	Striped Mullet	<i>Mugil cephalus</i>

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

Turbidity: _____ NTU

Salinity Measurement: _____ ppt

pH: _____

Tomorrow's first high tide time: _____ (AM or PM) and height: _____ ft

Circle one

Instructions: You will conduct 4 water quality tests on the Choctawhatchee Bay, turbidity, pH, salinity, tide chart. Instructions for the tests are provided. You will receive 3 points for each correct measurement made, for a total of 12. Do not forget to include units if needed. In questions A through H You will identify 8 estuarine species. For species I.D., write the species common name only. You will receive 1 point for each correct answer. Points are NOT deducted for incorrect spelling. Write legibly, illegible writing cannot earn points.

Seniors- Coastal Ecosystems Beach, Estuary, Marsh, & Swamp
BADGE NUMBER:
TOTAL SCORE: _____/20

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

Turbidity: _____

Salinity Measurement: _____

pH: _____

Tomorrow's first high tide time: _____ and height: _____