

Burton 4-H Center Environmental Education Classes
9th – 12th Grade Georgia Science Standards of Excellence (GSE)

Day Classes	Environmental Science	Biology	CTAE	ELA and Math	Chemistry	Earth Systems	Physical Science	Physics
Marsh Ecology	SEV1.a,b,d,e SEV2.d	SB5.a,b,c,d,e SBO2.a SBO5.a,c,d SES3.a,b SG4.d SO4.b,c	AG-BAS-3.b,g AG-WL-3.b,c,j AG-WL-4.b AG-NR-3.a,b,f AG-NR-5.e	ELAGSE9-10SL1c,d ELAGSE9-10L4a ELAGSE11-12SL1c,d ELAGSE11-12L4a				
Beach Ecology	SEV3.e SEV5.d	SB4.a SB5.a,b,c,d,e SG4.d SO4.c	AG-BAS-3.b,g AG-WL-3.b AG-WL-4.b AG-NR-3.a,b	ELAGSE9-10SL1c,d ELAGSE9-10L4a ELAGSE11-12SL1c,d ELAGSE11-12L4a		SES3.a,c,d		
Maritime Forest Ecology	SEV3.b,e	SB4.a SB5.a,b,c,d,e SBO5.a,c,d	AG-BAS-3.b,g AG-BAS-7.b AG-FS-4.a,b AG-WL-3.b,f AG-WL-4.b AG-NR-3.a,b,c	ELAGSE9-10SL1c,d ELAGSE9-10L4a ELAGSE11-12SL1c,d ELAGSE11-12L4a				
Crabs & Critters	SEV1.a,d, SEV2.d	SB4.a SB5.a,b,c,d,e	AG-BAS-6.b AG-FS-3.f AG-WL-3.c,i AG-WL-4.a,e	ELAGSE9-10SL1c,d ELAGSE9-10L4a ELAGSE11-12SL1c,d ELAGSE11-12L4a				
Surf Sleuth				ELAGSE9-10L4a ELAGSE11-12L4a				
Pollution Solution	SEV5.d,e	SB5.a,b,c,d,e	AG-BAS-3.b,f,g,k,m,o	ELAGSE9-10SL1c,d				

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				ELAGSE11-12SL1c,d				
Wetland Monitoring	SEV5.d	SB4.a SB5.a,b,c,d,e SBO2.a	AG-BAS-3.b,g AG-NR-3.f AG-NR-5.a,b,c,e	ELAGSE9-10SL1c,d ELAGSE11-12SL1c,d				
Invertebrate Studies		SB4.a SB5.a,b,c,d,e	AG-BAS-6.a,b,c	ELAGSE9-10SL1c ELAGSE9-10SL5 ELAGSE9-10L4a ELAGSE11-12SL1c ELAGSE11-12SL5 ELAGSE11-12L4a				
Orienteering								
Ornithology	SEV3.e SEV5.c,d,e	SB4.a SB5.a,b,c,d,e	AG-BAS-3.b,g AG-WL-3.i AG-WL-4.a,b,e					
Shark Dissection		SB4.a SB5.a,b,c,d,e		ELAGSE9-10L4a ELAGSE9-10SL5				
Fort Pulaski Tour				ELAGSE11-12SL5 ELAGSE11-12L4a				
Dolphin Cruise				ELA*LSV1.a,b,c, g,e,f				
Evening Classes		Biology						
Reptiles	SEV3.e	SB4.a SB5.a,b,c,d,e	AG-BAS-6.b AG-FS-3.f AG-WL-3.c,i	ELAGSE9-10SL1c,d ELAGSE9-10L4a				

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			AG-WL-4.a,e	ELAGSE11-12SL1c,d ELAGSE11-12L4a				
Night Walk				ELAGSE9-10L4a ELAGSE11-12L4a				
Sea Turtles	SEV5.d	SB4.a SB5.a,b,c,d,e	AG-WL-2.c AG-WL-3.d AG-WL-5.a,b,c,d AG-NR-2.a,b,c	ELAGSE9-10SL5 ELAGSE9-10L4a ELAGSE11-12SL5 ELAGSE11-12L4a				
Squid Dissection		SB4.a SB5.a,b,c,d,e		ELAGSE9-10SL5 ELAGSE9-10L4a ELAGSE11-12SL5 ELAGSE11-12L4a				
Shark Dissection		SB4.a SB5.a,b,c,d,e		ELAGSE9-10L4a ELAGSE9-10SL5 ELAGSE11-12SL5 ELAGSE11-12L4a				
Astronomy								
Quiz Show								
Campfire								

* All grades 9th – 12th