



Instructional Materials Price List

Carolina Biological Supply Company

OpenSciEd, Carolina Certified Version

Chemistry and Physics

MEMORANDUM OF UNDERSTANDING

CONTRACTUAL PERIOD: March 1, 2026 - March 31, 2032

Contract #: 4400035214

This program is offered in the following language:
English



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*Additional Shipping & Handling charges of 10% to be added to contract price.

Program	Content Area	Grade Level	Item Number	Item Title	ISBN	Copyright	Contract Price*	Language(s) Offered	Technology Requirement
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116241	C.1 Thermodynamics in Earth's Systems Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3338-2	2024	\$1,279.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116244	C.1 Thermodynamics in Earth's Systems Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3339-9	2024	\$193.95		n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116242	C.1 Thermodynamics in Earth's Systems Carolina OpenSciEd Teacher Guide	978-1-4350-3239-2	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116243A	C.1 Thermodynamics in Earth's Systems Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3255-2	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116241ETTPS	C.1 Thermodynamics in Earth's Systems, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116301	C.2 Structure & Properties of Matter Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3340-5	2024	\$995.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116304	C.2 Structure & Properties of Matter Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3341-2	2024	\$129.95		n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116302	C.2 Structure & Properties of Matter Carolina OpenSciEd Teacher Guide	978-1-4350-3242-2	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116303A	C.2 Structure & Properties of Matter Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3258-3	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116301ETTPS	C.2 Structure & Properties of Matter, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116361	C.3 Molecular Processes in Earth's Systems Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3342-9	2024	\$1,169.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116364	C.3 Molecular Processes in Earth's Systems Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3343-6	2024	\$321.95		n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116362	C.3 Molecular Processes in Earth's Systems Carolina OpenSciEd Teacher Guide	978-1-4350-3245-3	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116363A	C.3 Molecular Processes in Earth's Systems Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3261-3	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116361ETTPS	C.3 Molecular Processes in Earth's Systems, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications

OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116421	C.4 Chemical Reactions in Our World Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3344-3	2024	\$569.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116424	C.4 Chemical Reactions in Our World Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3345-0	2024	\$399.95		n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116422	C.4 Chemical Reactions in Our World Carolina OpenSciEd Teacher Guide	978-1-4350-3248-4	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116423A	C.4 Chemical Reactions in Our World Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3264-4	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116421ETTPS	C.4 Chemical Reactions in Our World, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116481	C.5 Energy from Chemical & Nuclear Reactions Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3346-7	2024	\$845.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116484	C.5 Energy from Chemical & Nuclear Reactions Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3347-4	2024	\$109.95		n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116482	C.5 Energy from Chemical & Nuclear Reactions Carolina OpenSciEd Teacher Guide	978-1-4350-3251-4	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116483A	C.5 Energy from Chemical & Nuclear Reactions Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3267-5	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Chemistry	Science	9-12	116481ETTPS	C.5 Energy from Chemical & Nuclear Reactions, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116261	P.1 Energy Flow from Earth's Systems Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3348-1	2024	\$1,379.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116264	P.1 Energy Flow from Earth's Systems Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3349-8	2024	\$99.95		n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116262	P.1 Energy Flow from Earth's Systems Carolina OpenSciEd Teacher Guide	978-1-4350-3240-8	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116263A	P.1 Energy Flow from Earth's Systems Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3256-9	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116261ETTPS	P.1 Energy Flow from Earth's Systems, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116321	P.2 Energy, Forces, & Earth's Crust Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3350-4	2025	\$859.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116324	P.2 Energy, Forces, & Earth's Crust Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3351-1	2025	\$134.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116322	P.2 Energy, Forces, & Earth's Crust Carolina OpenSciEd Teacher Guide	978-1-4350-3243-9	2025	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116323A	P.2 Energy, Forces, & Earth's Crust Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3259-0	2025	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116321ETTPS	P.2 Energy, Forces, & Earth's Crust, 1-Class Digital Access, 1 Year License	n/a	2025	\$35.00	Multiple	Carolina Tech Specifications

OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116381	P.3 Collisions & Momentum Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3352-8	2024	\$1,099.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116384	P.3 Collisions & Momentum Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3353-5	2024	\$194.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116382	P.3 Collisions & Momentum Carolina OpenSciEd Teacher Guide	978-1-4350-3246-0	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116383A	P.3 Collisions & Momentum Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3262-0	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116381ETTPS	P.3 Collisions & Momentum, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116441	P.4 Meteors, Orbits, & Gravity Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3354-2	2025	\$1,149.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116444	P.4 Meteors, Orbits, & Gravity Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3355-9	2025	\$202.95		n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116442	P.4 Meteors, Orbits, & Gravity Carolina OpenSciEd Teacher Guide	978-1-4350-3249-1	2025	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116443A	P.4 Meteors, Orbits, & Gravity Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3265-1	2025	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116441ETTPS	P.4 Meteors, Orbits, & Gravity, 1-Class Digital Access, 1 Year License	n/a	2025	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116501	P.5 Electromagnetic Radiation Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3356-6	2025	\$775.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116504	P.5 Electromagnetic Radiation Carolina OpenSciEd 1-Class Refurbishment Set	978-1-4350-3357-3	2025	\$74.95		n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116502	P.5 Electromagnetic Radiation Carolina OpenSciEd Teacher Guide	978-1-4350-3252-1	2025	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116503A	P.5 Electromagnetic Radiation Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3268-2	2025	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116501ETTPS	P.5 Electromagnetic Radiation, 1-Class Digital Access, 1 Year License	n/a	2025	\$35.00	Multiple	Carolina Tech Specifications
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116521	P.6 Stars & the Big Bang Carolina OpenSciEd Materials 1-Class Kit (Non-Consumable + Consumable)	978-1-4350-3358-0	2024	\$159.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116524	P.6 Stars & the Big Bang 1-Class Refurbishment Set	978-1-4350-3586-7	2024	\$69.95		n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116522	P.6 Stars & the Big Bang Carolina OpenSciEd Teacher Guide	978-1-4350-3253-8	2024	\$104.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116523A	P.6 Stars & the Big Bang Carolina OpenSciEd Student Edition, 8/pk	978-1-4350-3269-9	2024	\$49.95	English	n/a
OpenSciEd, Carolina Certified Version - Physics	Science	9-12	116521ETTPS	P.6 Stars & the Big Bang, 1-Class Digital Access, 1 Year License	n/a	2024	\$35.00	Multiple	Carolina Tech Specifications

Technical Specifications

Instructional Materials Review

Technology specifications refer to the minimal technical requirements needed by a school or school district in order to adequately access and implement the instructional materials in the manner in which the publisher intended. The Louisiana Department of Education (LDOE) is committed to supporting districts in achieving technology readiness goals in all schools across the state. Skillful coordination and planning are required to ensure students and teachers can access high quality electronic instructional materials. Alignment between the technical specifications and local capacity supports the local allocation of resources in ways that ensure students have access to high-quality instructional materials.

Sample technical specification components	Publisher technical specifications
Device required (e.g., Desktop, Laptop, Tablet)	Carolina Science Online (CSO) is delivered as a web service that is device agnostic.
Operating System (Windows/Mac)	Carolina Science Online (CSO) is a web service that functions within any industry standard browser on all platforms and operating systems.
Memory (RAM) (e.g., 4GB)	CSO is delivered as a web service via industry standard browser. Minimums RAM requirements (e.g. Chrome 128MB) are easily eclipsed by devices available in today’s market (e.g. Standard Chromebook 2GB).
Hard Drive (e.g., 160GB)	CSO is delivered as a web service and does not require local storage to operate.
Software Requirements (e.g., Office, Adobe, GameMaker etc.)	CSO is delivered as a web service. Content is accessed via industry standard browser and does not require proprietary plugins, or third-party software.

Hardware Requirements (Laptop)	Carolina Science Online (CSO) is device agnostic. Content operates in an industry standard browser but is not optimized for mobile/smartphone devices.
Internet Connection (e.g., 1Mbps, broadband)	The largest assets (or most bandwidth intensive) are video files for which we recommend a minimum bandwidth, per user session, of 0.1MB/second.
Web Browser Supported (Google Chrome, Safari, Internet Explorer)	Carolina Science Online (CSO) is a web service that functions within any industry standard browser on all platforms and operating systems.
Antivirus Software	CSO does not require antivirus software, however, using said software is a recommended practice for all devices exposed to network traffic.
Accessories (Headsets, speakers, CD-RW/DVD Drive, Wireless or Ethernet Network, etc.)	Carolina Science Online (CSO) is a web service and requires internet access. We recommend a minimum bandwidth, per user session, of 0.1MB/second.
Add Others	

Academic Content

Alternate Format Assurance

Instructional Materials Review

Alternate Format	Check All that Apply	Comment or Explanation	Organization that Maintains the Standards
Available in PDF Format	<input checked="" type="checkbox"/>		Adobe
Available in ePub Format (W3C Web Accessibility)	<input type="checkbox"/>	Can be offered in iPUB if desired	INTL Digital Publishing Form
Accessible Course within an Open Learning Management System (LMS)	<input checked="" type="checkbox"/>	LTI Links	Moodle
Accessible Course within another Learning Management System (LMS)	<input checked="" type="checkbox"/>	Canvas, Blackboard, D2L / Brightspace, Moodle, and Schoology	LMS Provider
Available in an accessible media format and includes alternate text or subtitles	<input checked="" type="checkbox"/>		WC3 Media Accessibility
Includes alternative text (image)	<input checked="" type="checkbox"/>		W3C Alt Text
Includes captions and subtitles (video)	<input checked="" type="checkbox"/>		W3C WAI Captions/Subtitles
Includes flash accessibility functions (SWF)	<input type="checkbox"/>	Flash is not used	Adobe
Includes functionality that provide accessibility	<input checked="" type="checkbox"/>	Supports adaptive readers and browser extensions	WC2 WCAG 2.1 Accessibility Guidelines
Complies with W3C Recommendations for web pages	<input checked="" type="checkbox"/>	Program is 85% WCAG 2.0 compliant	WCAG 2.1 Accessibility Guidelines; Evaluating Web Accessibility Overview; Notice of Interpretation - allows the NIMAC to accept files for digital instructional

Alternate Format	Check All that Apply	Comment or Explanation	Organization that Maintains the Standards
			materials and provides an exemption for materials that meet WCAG 2.0 .
Is a Bobby approved website	<input type="checkbox"/>	We have not tested this program with Bobby.	CAST no longer supports the Bobby accessibility testing software; however, it remains one of the tests included within the IBM Rational Policy Tester Accessibility Edition software, the comprehensive enterprise application for testing websites.
Is a 508 compliant website	<input checked="" type="checkbox"/>		US Government
Available in the National Accessible Instructional Materials Standard (NIMAS) Format – Accessible XML	<input checked="" type="checkbox"/>		NIMAC ; Image Description Resources ; Producing NIMAS Files ; NIMAS in Purchase Orders & Contracts ; Using Accessible Formats
Complies with Audio/Video Cassette Production Standards	<input type="checkbox"/>		ITA Standards
Complies with DVD/DVD-ROM Production Standards	<input type="checkbox"/>	N/A	DVD Forum Specifications
Complies with Blue-ray Disk Production Standards	<input type="checkbox"/>	N/A	UDF 2.5 – Blue-ray Disk Association
Complies with National Center for Accessible Digital Media Guidelines (NCAM)	<input type="checkbox"/>	N/A	NCAM Guidelines