



Select List of Biotech/Life Sciences PD Providers in MA

Please note that this is a select list of providers that have worked with schools/districts receiving MLSC grants in the past. This is a resource to start your search; MLSC does not endorse preferred providers. Additional PD providers registered in MA may be searched by content on the website of the Department of Elementary and Secondary Education ([Search Registered PD Providers - Professional Development](#)).

Provider Name	Program Name	Program Highlights	Website
Amgen	Amgen Biotech Experience	Lab-based, classroom-based, and web-based investigations in biotechnology, and professional learning opportunities and resources to support ABE materials.	Professional Learning Amgen Biotech Experience
Bio Builder	Bio Builder Teacher Training	Classroom, lab, and design activities for biology classrooms, labs, or science clubs.	BioBuilder Professional Development Workshops - BioBuilder Learning
Carolina Knowledge Center	BioTechBuilder Career & Technical Education	“Biotech in a box” curriculum with PD support available.	BioTechBuilder - Carolina Knowledge Center
	Science and Tech Concepts	Middle School Curriculum kits instructional guides and teacher support videos/webinars.	STCMS Main - Smithsonian Science
	Building Blocks of Science	K-5 phenomena-based curriculum kits and instructional guides with PD.	Building Blocks of Science 3D - K-5 Curriculum NGSS Program

	Open Sci Ed Certified Professional Learning Providers	K-12 phenomena-based curriculum kits and instructional guides, with PD for teachers, districts, online, and events.	Presentations & Webinars - OpenSciEd
MassBioEd	BioTeach Teacher Program	Free student materials, teacher materials, student-centered investigations, and more; free, topic-specific training workshops available for New England educators teaching grades 6-12 (with PDPs).	Teacher Programs – MassBioEd
Mass BioEd	School Programs: ACCESS Curriculum And Take Out Training and Equipment (TOTE) Lending Program	Qualifying schools or districts can partner with MassBioEd through the multi-year ACCESS Program (offering science labs lessons and career experiences) or the TOTE Equipment Lending Program to engage students in biotechnology techniques and investigations for the classroom; teacher training workshops provided for both.	School Programs – MassBioEd ACCESS Program – MassBioEd Take Out Training and Equipment (TOTE) Lending Program – MassBioEd
Open Sci Ed	Open Sci Ed	K-12 standards aligned, phenomena-based curriculum kits and instructional guides; in-person or virtual professional learning available.	Request Professional Learning - OpenSciEd
InnovATEBIO	Biotechnology education curriculum and training	Biotechnology courses and teacher training in biotech that focuses on career pathway development, and student mastery of industry based skills; college and high school programs available.	Biotech Instruction InnovATEBIO

Mass Insight	Customized Professional Learning; BioBoxes	General: Offer diagnostic tools to assess school performance and PD/guidance on how to improve outcomes based on continuous improvement cycles. STEM focused: STEM Loaner Equipment Program offers “BioBox” including everything an AP teacher needs to implement biotechnology lessons as part of the AP Biology curriculum; PD available for curriculum implementation and equipment support.	Our Approach MassInsight
Wade Institute	Varies by yearly theme or customized professional learning	Professional development to create hands-on, inquiry based, and phenomena-based STE learning experiences for students (K-12); offers workshops and/or customized professional learning visits to schools.	Home - Wade Institute for Science Education at Manomet Conservation Sciences Inquiry-based, hands-on, minds-on, science, technology and engineering professional development for K-12 teachers and informal educators.
Bio-Rad Laboratories	Explorer Program and Classroom Education Specialties	Resources to support life sciences education, including: • <i>Build a Biotechnology Course or Program</i>-support to develop activities, training in new techniques, free webinars and workshops, and free resources. ◦ includes resources for CTE programs • Additional classroom resources, funding opportunities, workshops, and conferences.	Biology Education — Bio-Rad Biotechnology Education — Bio-Rad

		• Partnerships with non-profit organizations and industry professionals. • <i>Bio-Rad Explorer Community</i>- collaboration and resource spaces for educators.	
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