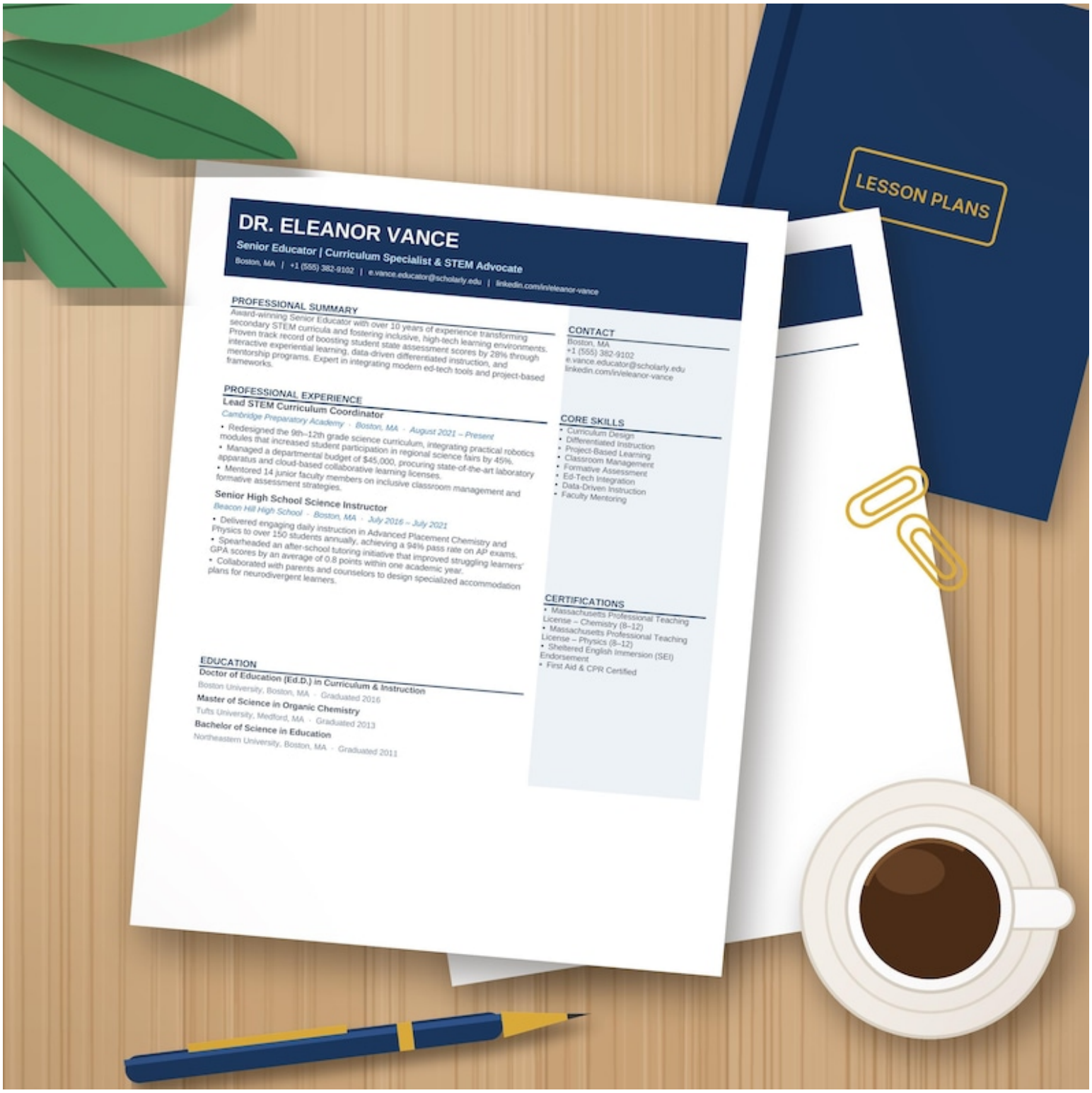

DR. ELEANOR VANCE
Senior Educator | Curriculum Specialist & STEM Advocate
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PROFESSIONAL SUMMARY
Award-winning Senior Educator with over 10 years of experience transforming secondary STEM curricula and fostering inclusive, high-tech learning environments. Proven track record of boosting student state assessment scores by 28% through interactive experiential learning, data-driven differentiated instruction, and mentorship programs. Expert in integrating modern ed-tech tools and project-based frameworks.
PROFESSIONAL EXPERIENCE
Lead STEM Curriculum Coordinator
Cambridge Preparatory Academy · Boston, MA · August 2021 – Present
• Redesigned the 9th–12th grade science curriculum, integrating practical robotics modules that increased student participation in regional science fairs by 45%.
• Managed a departmental budget of $45,000, procuring state-of-the-art laboratory apparatus and cloud-based collaborative learning licenses.
• Mentored 14 junior faculty members on inclusive classroom management and formative assessment strategies.
Senior High School Science Instructor
Beacon Hill High School · Boston, MA · July 2016 – July 2021
• Delivered engaging daily instruction in Advanced Placement Chemistry and Physics to over 150 students annually, achieving a 94% pass rate on AP exams.
• Spearheaded an after-school tutoring initiative that improved struggling learners' GPA scores by an average of 0.8 points within one academic year.
• Collaborated with parents and counselors to design specialized accommodation plans for neurodivergent learners.
EDUCATION
Doctor of Education (Ed.D.) in Curriculum & Instruction
Boston University, Boston, MA · Graduated 2016
Master of Science in Organic Chemistry
Tufts University, Medford, MA · Graduated 2013
Bachelor of Science in Education
Northeastern University, Boston, MA · Graduated 2011
CONTACT
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CORE SKILLS
• Curriculum Design
• Differentiated Instruction
• Project-Based Learning
• Classroom Management
• Formative Assessment
• Ed-Tech Integration
• Data-Driven Instruction
• Faculty Mentoring
CERTIFICATIONS
• Massachusetts Professional Teaching License – Chemistry (8–12)
• Massachusetts Professional Teaching License – Physics (8–12)
• Sheltered English Immersion (SEI) Endorsement
• First Aid & CPR Certified
LESSON PLANS