Self-Directed, Diverse Learning Experiences

Complementing classroom theory with hands-on experimentation in real world applications is crucial to reinforce learning and foster student development.

Oracle Academy Education Bytes feature engaging, technical projects based-on real world applications—broken down into easy-to-manage steps—enabling students to move from idea to innovation.

Oracle Academy Education Bytes are short, flexible learning modules that teach new concepts and enhance existing knowledge and skills, problem solving, creativity, and learning retention. Education Bytes provide self-directed, diverse learning experiences at all skill levels in programming, database, data science, big data, Java, SQL, PL/SQL, Map/Reduce, R, Hadoop, analytics, cloud services, web services, machine learning, digital assistant and AI, and much more.

All Education Bytes include a content synopsis, recommended prerequisite knowledge and skills, level of difficulty, target age group, and any required software or equipment.

HANDS-ON LABS
Step-by-step instruction-based labs on database, programming, and data science, designed to be facilitated by educators or self-studied by individual learners. Some labs require prior knowledge or completion of curriculum.

PROJECTS AND CHALLENGES
Stand-alone projects focused on database, programming, and data science that can be used independently of, during, or at the end of an Oracle Academy Workshop in a Box or course.

VIDEOS AND PRESENTATIONS
Featuring Oracle Academy educational resources, these can be used within the classroom or viewed by individual learners at their own pace to learn more about computing.
Oracle Academy, Oracle’s global philanthropic educational program, is open to educators around the world to advance technology education, skills, innovation, and diversity and inclusion. We offer academic institutions and their educators free teaching and learning resources—including curriculum, cloud, software, and professional development—that help them prepare students with knowledge, hands-on practice, and career-relevant skills.

Join Oracle Academy today and access all the benefits of membership.

Learn more about Oracle Academy Education Bytes at academy.oracle.com/curriculum

*Curriculum is available to Oracle Academy Institutional members only.