

# Quardev Case Studies

## Education Technology Solutions

### Curriculum Design and Content Creation

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#### Mission

Leverage Expertise and Innovation for Enhanced Learning Experiences

In the evolving landscape of educational technology (EdTech), providing thoughtful solutions requires a skilled and experienced team. Quardev team members are seasoned professionals with various backgrounds in core subject matter and extensive experience in content development and design for online education programs and enterprise-level education technology solutions.

Courseware Creation Requirements:

- **Personalized Learning and Equitable Representation:** EdTech companies need to tailor their curriculum to cater to each student's unique learning style while increasing representation and storytelling that accurately reflected people of color.
- **Seamless Integration and Content Management:** The solution needed to seamlessly integrate with existing curriculum frameworks while ensuring effective content management for a global user base across 125 countries and more than 60 languages.
- **Adherence to Educational Standards:** The solution required alignment with Common Core standards, NGSS, and C3 Framework to ensure a comprehensive and standardized educational experience.

#### Solution

Our team, led by a seasoned expert with a background in biology, general science teaching, and proven experience in online education and enterprise-level EdTech solutions, provided a tailored approach including:

- **Integration and Global Accessibility:** Ensured seamless integration with our client's existing curriculum, while also making it accessible across various languages and countries to serve their vast user base effectively.
- **Standards Alignment:** Diligently aligned the content with Common Core standards, NGSS, and C3 Framework, ensuring the curriculum's academic rigor and compliance with essential educational guidelines.
- **Project Management and Inclusivity:** Used strategic project management skills to lead and advance over 100 assignments, ensuring delivery of new and existing content in alignment with national and state SKUs. Designed visual assets in the Careers in Science catalog, promoting participation of individuals from diverse backgrounds in science careers and showcasing a broader representation of scientists of color.

#### Key Skills

Metadata tagging, concept mapping, adherence to Common Core standards, NGSS, C3 Framework, style guides, proofreading, designing to brand guidelines, image library management, content management systems, team management.