

Class CrunchLabs:

NGSS Curriculum Writer (Educational Writing Consultant)

Position Type: Part-Time/Contract

Location: Remote

Duration: 6 months (with potential for extension)

Start Date: Flexible, as soon as possible

About Class CrunchLabs

Class CrunchLabs is the educational arm of CrunchLabs, a company founded by Mark Rober, a former NASA engineer and one of the most influential science communicators in the world. With over 63 million YouTube subscribers and billions of views, Mark Rober is known for his creative, entertaining videos that make science engaging, accessible, and fun for audiences of all ages.

Class CrunchLabs brings Mark's passion for science into classrooms by developing free, high-quality, NGSS-designed instructional materials for grades 3-8. The Next Generation Science Standards (NGSS) are a set of K-12 science standards designed to prepare students for real-world challenges through critical thinking, problem-solving, and the integration of Science and Engineering Practices (SEP), Crosscutting Concepts (CCC), and Disciplinary Core Ideas (DCI).

Our mission is to inspire a love for science in students by combining rigorous STEM curriculum with practical hands-on activities and Mark Rober's storytelling style. As a Class CrunchLabs curriculum writer, you will have the opportunity to contribute to this exciting, high-profile initiative and help shape the future of science education by creating high-quality instructional materials that empower teachers and engage students in meaningful, inquiry-based learning.

Responsibilities

As a Class CrunchLab's NGSS Curriculum Writer, you will:

1. Collaboratively Develop Curriculum Units:
 - Write NGSS-designed curriculum units for grades 3-8 that include inquiry-based and project-based extensions, real-world applications, technology and simulations, engineering challenges, assessments, and hands-on activities.
 - Ensure each unit integrates key NGSS elements and 3D learning experiences:
 - Anchoring phenomena
 - Disciplinary core ideas (DCI)
 - Science and engineering practices (SEP)
 - Crosscutting concepts (CCC)
 - Grade-appropriate learning outcomes.

2. Collaborate with the Team:
 - Report to the Head of Education and Research.
 - Work collaboratively with the Curriculum Development Lead and other curriculum writers to maintain consistency, quality, and alignment across all units.
 - Participate in cross-functional collaboration with team members across curriculum design, research, and feedback processes.
3. Ensure Quality and Accessibility:
 - Develop teacher guides, lesson plans, student-facing materials, and activity instructions that are clear, engaging, and accessible to diverse learners.
 - Incorporate differentiation strategies to support students of varying abilities and learning needs, while promoting 3D learning approaches that combine skills, concepts, and big ideas.
4. Iterate Based on Feedback:
 - Revise and enhance curriculum units based on feedback from pilot testing, teachers, and internal and external reviews.
5. Work in a Fast-Paced Environment:
 - Operate autonomously in a fast-paced, dynamic work environment.
 - Be a self-starter, capable of managing multiple projects and meeting tight deadlines.

Requirements

Education and Experience:

- Bachelor's degree in Education, Science, Engineering, or a related field (Master's degree is preferred but not required).
- Minimum 3 years of experience in curriculum writing or instructional design.
- Proven track record of writing NGSS-aligned or NGSS-designed curriculum for grades 3-8.

Skills and Qualifications:

- Solid background in science education and NGSS, including three-dimensional learning and performance expectations.
- Experience designing high-quality instructional materials that incorporate inquiry-based, hands-on STEM activities.
- Strong writing, editing, and organizational skills.
- Ability to collaborate cross-functionally with curriculum teams and stakeholders.
- Familiarity with educational technology and digital tools for classroom instruction.
- Self-starter with the ability to manage multiple projects independently and efficiently.

Preferred Experience:

- Classroom teaching experience in elementary or middle school science.

- Familiarity with piloting curriculum in classrooms and incorporating teacher feedback into revisions.
- Knowledge of instructional strategies for diverse student populations, including Emerging Multilingual Learners (EMLs), and students with learning differences.
- The ability to incorporate storytelling and fun elements into the curriculum to enhance student engagement is considered a plus.

What We Offer

- Competitive compensation based on experience.
- The opportunity to work on a high-profile program led by Mark Rober. Mark's unique approach combines rigorous STEM education with creativity, storytelling, and hands-on learning to captivate students worldwide.
- Flexible work schedule with remote work opportunities.
- The chance to collaborate with a passionate, innovative team committed to creating high-quality instructional materials that will inspire the next generation of scientists, engineers, and innovators.

How to Apply

Please submit the following materials to class@crunchlabs.com:

1. A cover letter outlining your experience with NGSS-aligned or NGSS-designed curriculum development and your interest in Class CrunchLabs.
2. A resume or CV.
3. Samples of relevant curriculum writing or instructional design work (please include a brief explanation of your specific contributions to the project and how your work differed from others' contributions).