



December 18, 2024

The Institute of Cognitive Science (ICS) at the University of Colorado Boulder aims to understand and enhance human cognition, learning, and development through the creation of interdisciplinary partnerships. ICS fosters rich scientific interchange across researchers from a broad range of disciplines. Within ICS, The inquiryHub team supports equitable STEM education at scale to prepare students to be scientists and innovators for a more just and sustainable world.

We are committed to coordinated action to achieve high-quality science education related to the goals of CASTL-K12 through:

- (1) co-design of high-quality instructional materials that are compelling to students owed an education debt in American society.
- (2) professional learning that helps teachers foster more equitable participation in learning activities.
- (3) ongoing support to educators for implementation of the Framework vision in the context of long-term research-practice partnerships so that teachers' practice shifts to become more equitable.

CASTL-K12 will pursue four primary goals:

- develop a coherent strategy for supporting implementation of science standards across states and districts,
- launch and coordinate a networked community of practice for stakeholders at all levels and across sectors,
- build on and share existing evidence-based policies, tools, and examples, and
- develop a coherent communication and engagement strategy for advancing K-12 science and engineering education broadly.

inquiryHub commits to supporting the goals of the National Academies of Science, Engineering, and Medicine's Action Collaborative on Advancing Science Teaching and Learning in K-12.

Sincerely,

Kate Henson
Director: K-12 Teaching & Learning
inquiryHub

