



# Proof of deep scientific understanding starts with three-dimensional science assessment

In science education, success today means ensuring all students get the skills they need to be the STEM leaders of tomorrow which means navigating an increasingly connected, complex, and global workplace.

That is why many states have adopted three-dimensional science standards and invested in aligned curriculum and professional development programs. Yet, many are challenged by the final piece: high-quality, three-dimensional science assessment. Designing innovative science assessment demands real expertise. The process can be costly, time-consuming, and requires significant resources.



**\$4,000-\$10,000**

Cost to develop a single high-quality, NGSS-aligned science performance task



**18 months**

Time to create a single test item, with another six months needed for field testing

The New Meridian Science Exchange is built on a simple, secure content sharing model that enables states to innovate and elevate their current science assessment program with access to best-in-class content backed by an industry-leading review framework. Key benefits include:



**Access to Science Expertise**

Support from industry-leading experts and thought leaders



**Significant Cost Savings**

Designed and delivered at 20%-50% savings from traditional models



**Fast Deployment**

As soon as two months from contract to testing



**Ongoing Support**

A shared vision for success to meet your needs every step of the way

*I'm proud to be a part of creating equity in science education by streamlining access to high-quality science assessment content and science experts.*

**- Chris Lazarro**  
Director of Science

## A Commitment to Equitable Science Education

The New Meridian Science Exchange is the fastest, most cost-effective way to design high-quality NGSS-aligned science assessment to support diverse learners in demonstrating science proficiency.

Our approach advances equity in science education by removing the high cost and operational barriers to three-dimensional science assessment via an innovative content sharing solution, access to science expertise and an industry-leading review framework.

# The Heart of the Science Exchange: A Trusted Partnership

Our industry-leading review process, supported by top science assessment leaders and expert assessment managers, ensures states will never need to navigate the complexities of three-dimensional science assessment alone.



## Contributing States

Contributing states can maximize their current investment in science assessment by contributing existing items to a secure item bank in exchange for royalties and a comprehensive report on the quality and alignment of items to an industry-leading framework. Contributing states will:

- Demonstrate leadership by helping to elevate science assessment nationwide.
- Receive an upfront royalty payment of \$20,000 for the full contribution of your item bank along with the opportunity for additional payments each time items are used by a subscribing state.
- Fully understand science assessment content with comprehensive item reporting to increase the quality of science assessment.
- Support science educators in the state with training and professional development opportunities led by science experts.
- Contribute with confidence to an item bank that's safe and secure.

## Subscribing States

Subscribing states can elevate the quality of science assessment at a reduced cost by licensing test items from a secure bank, with confidence all items have been vetted for fairness, bias, sensitivity, multi-dimensional performance, cognitive complexity, and technical quality. Subscribing states will:

- Advance equity in science education for all students in the state.
- Gain access to the highest-quality science content at tremendous value.
- Accelerate testing timelines to realize the benefits of high-quality science assessment immediately.
- Ensure coherence in science education programs with ready-made content aligned to science standards.
- Receive ongoing support from a trusted partner to meet specific blueprint needs.

## Ready for a more innovative approach to science assessment in your state?

Contact us at [sales@newmeridiancorp.org](mailto:sales@newmeridiancorp.org)

New Meridian is a not-for-profit organization dedicated to advancing the quality of public education for all students by designing assessments that focus on the skills that matter.



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