Mystery Science utilizes the 5E Instructional Model

Engage

Explore

Explain

Elaborate

Evaluate

Intro & Discussion
Each lesson begins with a video that introduces students to a scientific phenomenon. We use compelling storytelling and captivating visuals to get students engaged for their science investigation.

Hands-on Activities
Students investigate the phenomenon for themselves through a collaborative, inquiry-based, hands-on activity. We guide students through this exploration as they make predictions, share ideas, and record observations.

Wrap-up & Discussion
The lesson concludes with another short video that, along with teacher-guided discussion, provide students with the opportunity to connect their learnings and create explanations through their own knowledge building.

ELA Integration & Activity Extensions
We provide opportunities for students to apply their new knowledge and skills in similar and novel contexts. These elaborations include vocabulary resources, grade-level readings, and additional hands-on activities.

Assessments
Each lesson includes an assessment to evaluate student comprehension. A variety of questions at different levels are included. We also include summative assessments for each unit in grades 2 through 5.

mystery science