

YOUR NGSS SOLUTION

FOR STUDENTS IN 4TH-8TH GRADE

MOSA MACK
SCIENCE

Mosa Mack Science is a new NGSS resource that's transforming classrooms across the country through inquiry. Each Mosa Mack unit is composed of three lessons that progress upwards on Bloom's Taxonomy. Through engaging animated mysteries, vocabulary manipulatives, student-driven labs, and engineering challenges, students don't just learn new science content, but apply that knowledge to solve real-world problems.

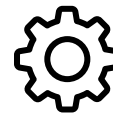
FEATURES



Formative & Summative Assessments



Hands-On Activities



Engineering Challenges



Vocabulary Manipulatives



Songs

ENG / SPA

English & Spanish Subtitles

UNIT PROGRESSION

01

THE VIDEO MYSTERY



Each unit begins with a vocabulary manipulative followed by a short animated mystery that students must solve together.

02

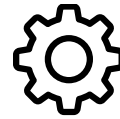
THE HAND-ON ACTIVITY



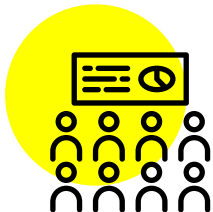
Following the mystery, students engage in a hands-on lab that gives them a tactile experience of the concepts learned in Lesson 1.

03

THE ENGINEERING CHALLENGE



The unit concludes with an engineering design challenge in which students apply what they've learned in the previous lessons to solve real world problems.



STUDENT RESOURCES

- Graphic Organizers
- Student-directed Agendas
- Rubrics
- English and Spanish Subtitles



EDUCATION RESOURCES

- Lesson Plan & Agenda
- NGSS Alignment
- Fully Prepared Power Points
- Inquiry Scale
- Assessment Rubric



ENGLISH LANGUAGE ARTS INTERGRATION

- Vocabulary
- Writing
- Reading
- Subtitles
- ELL Support

HOW IT'S USED

- 1:1 Instruction
- 5E Models
- Rotational Models
- Flipped Classrooms
- Small Groups
- One-to-Many