

# 2024 Denver National Conference

March 20-23, 2024

Rooms and times subject to change.

2 results

Save up to 50 sessions in your agenda.

## HANDS-ON WORKSHOP

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### Unveiling the Fundamental Forces: Exploring Newton's Laws of Motion through the engineering of a Balloon Car in Action

Friday, March 22 • 10:40 AM - 11:40 AM

Colorado Convention Center - 712

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In this session, participants will work on hands-on activities and test a prototype to learn about forces using the engineering design model and translanguaging for middle grades

#### TAKEAWAYS:

Participants will learn how to teach about forces for elementary grade level using an engineering activity and translanguaging (English/Spanish).

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## HANDS-ON WORKSHOP

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## Teaching about the properties of sound using engineering to build a guitar

Friday, March 22 • 2:40 PM - 3:40 PM

Colorado Convention Center - Mile High Ballroom 2B

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In this session, participants will work on hands-on activities and build a guitar to learn about the properties of sound using the engineering design model and translanguaging for elementary grades.

## TAKEAWAYS:

Participants will learn how to teach about the properties of sound for elementary grade level using an engineering activity and translanguaging (English/Spanish).

## SPEAKERS:

*Max Vazquez Dominguez (University of North Georgia: Dahlonega, GA)*

Engineering

Physical Science

Grades PreK - 2

Grades 3 - 5

Hands-On Workshop

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