

OVERVIEW

Topic	Sound and Music
Age range	4-8
Subject	Arts & Sciences
Duration	8 weeks

DESCRIPTION

The Global Sound Artists course introduces students to the science of sound and an exploration of music through hands-on investigations and experiments, instrument builds, and communicating with partners.

TASK TOPICS	LEARNING OBJECTIVES Students will:
Task 1: Getting to Know Our Partners	<ul style="list-style-type: none"> be able to share their culture with their global partners by creating a video to describe favorite activities, sports, holidays and celebrations. interact with their global partners about their videos.
Task 2: Build a Japanese Spinning Drum	<ul style="list-style-type: none"> learn about how sounds are made. learn about Japanese taiko. build a Japanese spinning drum using recycled materials. investigate how to create different sounds.
Task 3: Build an Ecuadorian Panpipe	<ul style="list-style-type: none"> learn about pitch and volume. build a panpipe. investigate how to create different sounds.
Task 4: Build a Spanish Guitar	<ul style="list-style-type: none"> learn about lullabies. build a guitar using recycled materials. investigate how to create different sounds.
Task 5: Reflection	<ul style="list-style-type: none"> reflect on the science of sound, how it's produced, and volume and pitch. reflect on the experience of building three instruments. reflect on sharing their culture, and sound, music, and instrument related learning with their global partners.

United Nations Sustainable Development Goals (UN SDGs)

- Goal 5** Achieve gender equality and empower all women and girls
- Goal 12** Ensure sustainable consumption and production patterns

ISTE Student Standards

- 1.1** Empowered Learner
- 1.2** Digital Citizen
- 1.3** Knowledge Constructor
- 1.4** Innovative Designer
- 1.5** Computational Thinker
- 1.6** Creative Communicator
- 1.7** Global Collaborator