



project.org

STUDENT HANDOUT

GREEN LEVEL
MORE SUPPORT

The Science of Sound

Grades 5–8 • Science

ADMIT ONE

NAME

DATE

CLASS

The Harlem Renaissance (c. 1920–1935) was an extraordinary flowering of Black music, literature, and art in Harlem, New York. It grew from the Great Migration — when over one million Black Americans moved north to escape Jim Crow laws and find better lives. The artists, musicians, and writers who gathered in Harlem changed American culture forever.

ACTIVITY 1 • LABEL THE SOUND WAVE

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Parts of a Wave

Draw and label a sound wave in the box below. Use the word bank to label the parts:

CREST

TROUGH

WAVELENGTH

AMPLITUDE

DRAW YOUR LABELED SOUND WAVE HERE

A **high note** has a _____ frequency (high / low).

A **loud sound** has a _____ amplitude (high / low).

O2

ACTIVITY 2 · INSTRUMENT MATCH

High, Low, or In Between?

Draw a line from each instrument to its typical range:

Double Bass	●	● Plays all ranges
Trumpet	●	● Low frequencies
Saxophone	●	● Mid-high frequencies
Piano	●	● High frequencies

O3

ACTIVITY 3 · THE JAZZ LAB

Listen and Identify

In the Jazz Lab's **Name That Instrument** quiz, you will hear isolated instrument sounds. For each one, record:

INSTRUMENT HEARD	HIGH / MID / LOW	LOUD / SOFT

MINI MUSEUM CONNECTION

Option 1 — Visit the exhibition: If the Harlem Renaissance exhibition is available at your school, visit the Mini Museum to experience the phonograph, Jazz Lab, Great Migration Map, and more. Ask your librarian to arrange a class visit.

Option 2 — Virtual visit: Explore the full exhibition at minimuseumproject.org/exhibitions/harlem-renaissance

SHARE WITH YOUR FAMILY

Tap a glass of water and then slowly add more water. What happens to the sound? Explain to your family why, using what you know about sound waves.