



Les Paul & Friends



Julie Palkowski

Public ▾

61 videos 52 views Updated today



▶ Play all

↻ Shuffle

Music mix with video features focused on the life and achievements of Les Paul. Mary Ford and current contemporary musical artists music clips are a part of this compilation.



Add Playlist - Les Paul & Friends



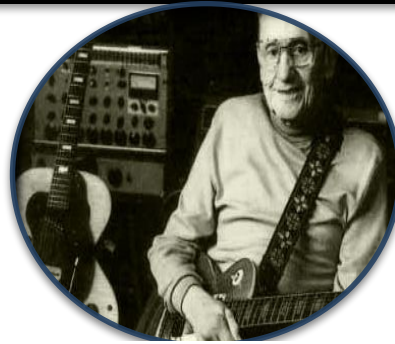


The Wizard of Waukesha-Les Paul:

Inspiring Today's Students with
Engineering of Modern Music



PARTNER CHAT



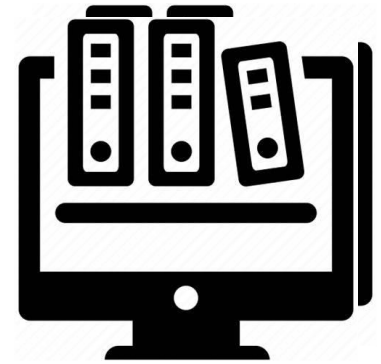
“Mistakes are part of the musical process because they tell you what not to do, and sometimes they lead to something unique you couldn’t have discovered any other way.” - Les Paul



FACILITATOR



Julie A. Palkowski, PhD
Les Paul Foundation
Education Coordinator



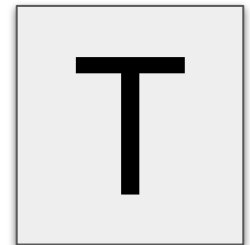
LOGISTICS



STEAM SHARE



1. Fold an index card in half.
2. Write a letter from the word (STEAM) on the front portion.
3. Inside the card, share either a word, number, or image that describes why you chose that area.
4. Share with your partner - name and which letter/why.



OBJECTIVES

- Investigate Les Paul's passion for music and electronics.
- Identify how the areas of STEAM play together in Les' work.
- Examine the LPF education resources.
- Learn about and discuss learner program examples and application to STEAM areas.

30:00

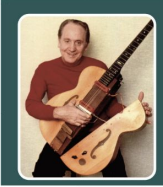
LES STEAM



1. Read the prompt and follow the QR code.
2. Discuss and respond to the question.
3. Be ready to share.


S

SCIENCE



Les Paul Technology Genius

Discuss why Les Paul used a piece of railroad track in his pursuit of a clear tone. Did the railroad track piece produce what he wanted to hear? Why/Why not?



https://youtu.be/Faek_ykVM7r:522

<https://vimeo.com/556683331>


T

TECHNOLOGY



Les Paul Technology Genius

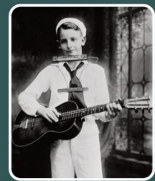
Find out how Les Paul recorded using sound on sound. Discuss his recording process.



<https://vimeo.com/555453755>


E

ENGINEERING



Les Paul Technology Genius


Scan the QR code to learn about teenager Les Paul's invention - the flippable harmonica holder.



<https://www.les-paul.com/wp-content/uploads/2022/04/Sailor-suit.pdf>

M

MATHEMATICS



Les Paul Technology Genius

Listen to Paul McCartney's clip. How did Les Paul influence the Beatles? Now listen to "Lover," the first layered recording by Les Paul in 1947. How many musicians do you hear?



<https://safeshare.tv/x/HwJzXpzy>

<https://www.youtube.com/watch?v=220Gaxx8BY4>


A

ARTS



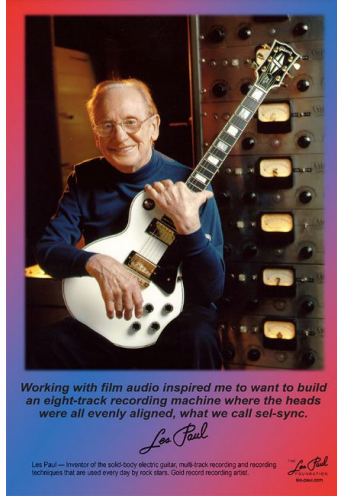
Les Paul Gold Record Performer

Scan the QR code to see what BB King shared about his friend, Les Paul.



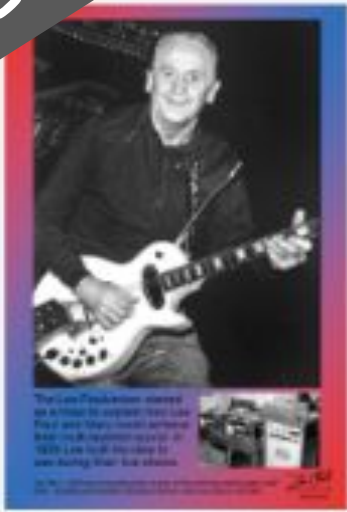
<https://www.les-paul.com/wp-content/uploads/2022/04/BB-King.pdf>

GALLERY CHAT



ID an invention he created.

Who is Les Paul?



Discuss the poster content with your team

5:00

CREATE



Picture from Guitar Genius

Les wanted to make his voice and harmonica louder so audiences could hear him.

What did he use?

Scan to create a phone amplifier.
Demonstrate your creation.

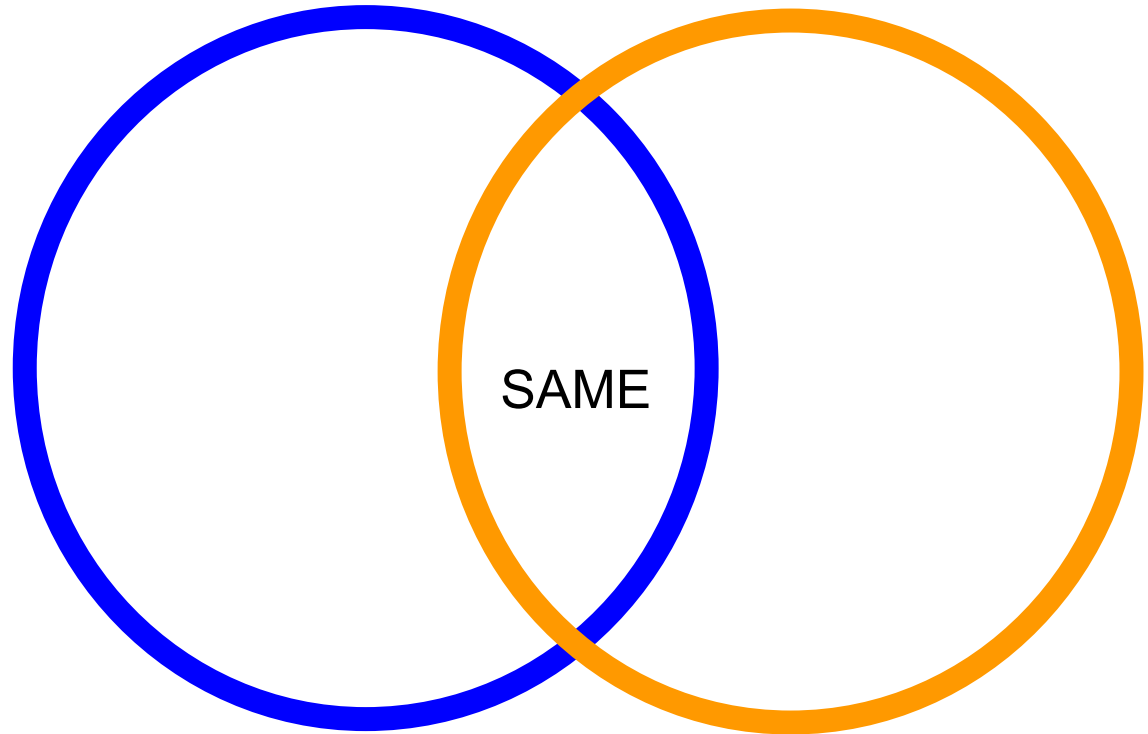


5:00

DESCRIBE



Picture from [Guitar Genius](#)



Team Phone Amplifiers -
Share differences - similarities.



5:00

CONNECT



How might you connect to ____ through this activity with students?



LES PAUL INVENTIONS

1



2



3



4



5

more CONNECTIONS

LES PAUL STEAM Ideas

- **Science** - Sound production, modifications - socks & guitar Museum Les Paul Exhibit - rail and vibrations in action.
- **Technology** - For “Lover,” how many musicians do you hear?
- Music- Sound **Engineering**- Create a multitrack clip. (I.e. Groove Pizza, Bandlab, Incredibox...)
- **Art** - Create a poster for the song “Tiger Rag” using key ideas from the lyrics.
- **Math** - Track Les’ travels by mapping out and calculating the miles from “gig” to “gig.”

RESOURCES

<https://www.les-paul.com/education-2/>



Website & Study Units

<https://www.lespaulfoundation.org/education/>



<https://www.les-paul.com/stem-steam/>



<https://qrgo.page.link/8skb8>

LES INSPIRED ACTIVITIES GRANTS



Gull Lake Gateway Academy - Be Something

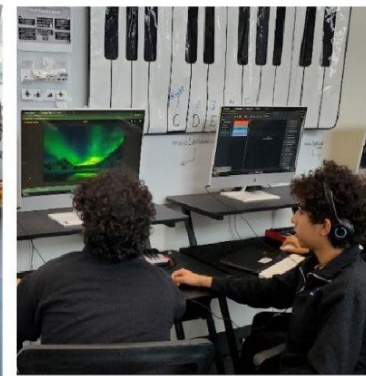


Les Paul Music Tech Summer Camp

THE LES PAUL
FOUNDATION
GRANTEE
PROJECTS



The Lincoln Academy - TLA Rocks and HS Music Production



<https://www.les-paul.com/the-foundation/#grants>

LPF GRANTEE PROGRAMS



Live
SET



LES INSPIRED ACTIVITIES GRANTS

Country Hall of Fame

Les Paul Maker Kits -
WCHSM

TRAVELING
TRUNKS

Student Materials



ACM

The Waukesha County Historical Society and Museum presents...

LEARN ABOUT SOUND
With Les Paul

Time To Learn

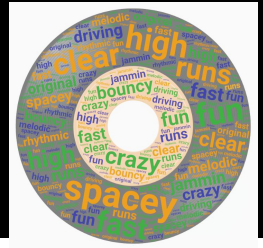
Layering Sound

What is Music?
Music is a series of sounds all combined together. Imagine if you were in a band. Someone would sing, others would play an instrument. Together you make music.

Sound Tracks:
The sound waves from each instrument can be combined and recorded together. Each recording is called a track.

Les Paul - the innovator

RESPOND



Listening Activity

Contribute one word for each sound clip within the “CHAT.”



QUESTIONS



Julie A. Palkowski, PhD
Les Paul Foundation
Education Coordinator

julie@lespaulfoundation.org

<https://www.les-paul.com/education-2/>

Scan the QR Code
for the Survey.



Please complete the survey. Thank you.