

CHIEN-SHIUNG WU



LINK **tivity**
Interactive Learning Guides

WAIT!

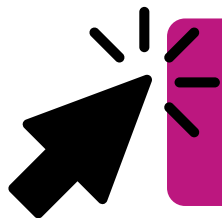
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The results are in: **Teachers LOVE LINKtivities...** and want more! So, we've made it SUPER easy and cost effective for you to access any and ALL of our LINKtivities inside our LINKtivity Learning membership option! Instead of purchasing just ONE LINKtivity - why not get access to ALL of them... for about the SAME PRICE!



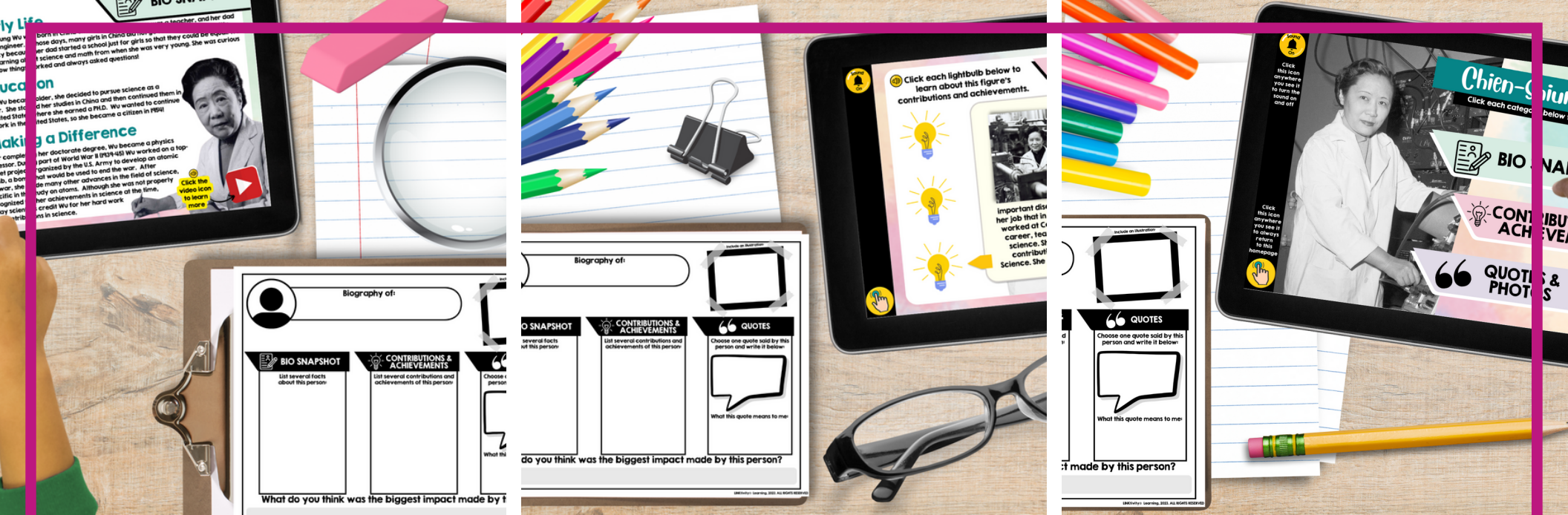
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- ✓ The **entire growing LINKtivity® library** inside the Membership (LINKtivities for all content areas)
- ✓ ALL **future LINKtivities** to be added to the membership (new releases each month!)
- ✓ **Teacher guides** to help you set up each LINKtivity® successfully in your classroom
- ✓ **Student resources** that go along with each LINKtivity (printable OR digital)
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Chien-Shiung Wu was a Chinese physicist who made many important contributions to the field of nuclear physics. Wu worked on the Manhattan Project during World War II and helped develop the atomic bombs. Later, she researched beta decay and conducted an important experiment that proved a theory by two other scientists. In this Mini-Biography LINKtivity on Chien-Shiung Wu, students will learn about Wu's early life, her contributions to science and her lasting impact.



More Sample Slides

BIO SNAPSHOT

Early Life

Chien-Shiung Wu was born in China on May 31, 1912. Her mom was a teacher, and her dad was an engineer. In those days, many girls in China did not go to school. However, Wu was lucky because her dad started a school just for girls so that they could be equal. Wu loved learning about science and math from when she was very young. She was curious about how things worked and always asked questions!


Education

When Wu became older, she decided to pursue science as a career. She started her studies in China and then continued them in the United States where she earned a Ph.D. Wu wanted to continue her work in the United States, so she became a citizen in 1954!

Making a Difference

After completing her doctorate degree, Wu became a physics professor. During part of World War II (1939-45) Wu worked on a top-secret project organized by the U.S. Army to develop an atomic bomb, a bomb that would be used to end the war. After the war, she made many other advances in the field of science, specific in the study on atoms. Although she was not properly recognized for her achievements in science at the time, today scientists credit Wu for her hard work and contributions in science.


Click the video icon to learn more



CONTRIBUTIONS & ACHIEVEMENTS

Click each lightbulb below to learn about this figure's contributions and achievements.

In 1936, Chien-Shiung Wu graduated from the National Central University in China. Wu then went on to study physics in the United States at the University of California. She received her Ph.D in 1940. After graduation, Wu taught physics at two different colleges: Smith College and Princeton University.



Chien-Shiung Wu

Click each category below to learn more

BIO SNAPSHOT

CONTRIBUTIONS & ACHIEVEMENTS

QUOTES & PHOTOS



QUOTES & PHOTOS

Click the < and > to see quotes.

In Chinese society, a woman is valued for what she is, and men encourage her to accomplishments.



QUOTES & PHOTOS

Click the < and > to see quotes.

It is shameful that there are so few women in science.



CONTRIBUTIONS & ACHIEVEMENTS

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After the war, Chien-Shiung Wu went to work at Columbia University in New York City, where she was a teacher and scientist. She loved studying atoms and how they behaved. She studied a process called "beta decay" and made many important discoveries about it. She was so good at her job that in 1958, she became a full professor! She worked at Columbia University for the rest of her career, teaching and learning new things about science. She received several awards for her contributions including the National Medal of Science. She even had an asteroid named after her!



This LINKtivity is provided with

AUDIO SUPPORT



Perfect for English
language learners or
students who could use
a little extra support!

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Click the video icon to learn more



Student & Teacher Resources

Recording Sheet for LINKtivity

Lesson Plan

LESSON

ESSENTIAL QUESTIONS:

What is a biography?
Who is (specific person) and what makes him/her unique?



Note: This lesson plan can be used with any mini-biography LINKtivity.

Standards Covered

CCRA.R.10

Materials Needed

Biography LINKtivity®
KWL student sheet
Biography student sheet (optional)
Chart paper/markers OR SMARTboard/Whiteboard

Teacher Preparation

Preview the mini-biography(ies) that you have selected for your students. Plan for how you will share the LINKtivity with students (ex. assign link in Google Classroom, prepare QR codes, etc.). Prepare a KWL chart on chart paper or SMARTboard/whiteboard. Print the KWL and biography student sheets.

Lesson Introduction (5-10 min.)

- Introduce the essential questions.
- Introduce the person(s) your students will be exploring and provide each student with a **KWL student sheet**.
- **ASK:** What do you know about this person? What do you want to know about this person?
- Have students complete the first two columns of the chart. Note: If your whole class is exploring the same person, you can complete this chart together on a SMARTboard/whiteboard. If each student is completing a different person, have them complete a KWL for their specific person.

Lesson Activity (20 mins)

Have students complete a **Biography LINKtivity**, either one assigned to them or of their own selection. While navigating the LINKtivity, students have the option to complete the **biography student sheet**.

Optional Extension Activities

- Take virtual field trips to museums, historical sites, or places related to the person's life using a tool like Google Earth.
- Have students record a podcast episode about their person.
- Host a wax museum event where students dress up and take on the persona of their chosen individual to educate others.

Lesson Conclusion (2-5 min.)

Review essential questions and have students share their responses in light of what they have learned. Have students complete the final column of their KWL chart (what I learned).

Biography of: _____

Include an illustration:

BIO SNAPSHOT
List several facts about this person:

CONTRIBUTIONS & ACHIEVEMENTS
List several contributions and achievements of this person:

QUOTES
Choose one quote said by this person and write it below:

What this quote means to me:

What do you think was the biggest impact made by this person?

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Biography of: _____

Insert an image:

BIO SNAPSHOT
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QUOTES
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What this quote means to me:

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Also available in Google Slides!

