Women History Month

SAU LAN WU

Reading Comprehension

COMPREHENSION QUESTIONS

6. What particle, central to the Standard Model of particle physics, did W
her colleagues study at the LHC?

COMPREHENSION QUESTIONS

NAME:_____ DATE:_____

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

1. Where was Sau Lan Wu
   a) Harvard
   b) Fermilab
   c) Hong Kong
   d) CERN

2. In which decade did Sa
   a) 1950s
   b) 1960s
   c) 1970s
   d) 1980s

3. Sau Lan Wu contribute
mediates the strong forc
   a) Quark
   b) Lepton
   c) Gluon
   d) Boson

4. In which organizations
physics?
   a) NASA and ESA
   b) CERN and Fermilab
   c) MIT and Stanford
   d) JAXA and INPE

5. What is the Large Had
   a) A laboratory for as
   b) A particle accelerat
   c) An observatory for
   d) A space exploration

Lan Wu achieve in her career at Harvard Univer

artment

y and diversity in th

cientific exploration?

ficant contributions?

SAU LAN WU

In our tribute to Women's History Month, we turn our attention to Sau Lan Wu, a distinguished particle physicist whose groundbreaking work has significantly advanced our understanding of the fundamental particles that make up the universe. Born in Hong Kong in 1940, Wu's career has been marked by scientific excellence and a commitment to pushing the boundaries of knowledge in high-energy physics.

Wu's journey in particle physics began with her doctoral studies at Harvard University in the 1960s. Throughout her career, she made key contributions to experiments that explored the fundamental forces and particles that govern the universe. Notably, Wu played a crucial role in experiments conducted at CERN (European Organization for Nuclear Research) and Fermilab, contributing to the discovery of the gluon, a fundamental particle that mediates the strong force.

Her pioneering efforts extended to experiments at the Large Hadron Collider (LHC), where Wu and her colleagues made significant strides in understanding the properties of the Higgs boson, a particle central to the Standard Model of particle physics.

Beyond her scientific achievements, Wu has been a trailblazer for women in physics. She became the first female tenured professor in the physics department at Harv sistent
equality and diversity

learning about Sau L
emphasizing the impo
exploration.

As we celebrate Women's History Month, Sau Lan Wu's story serves as an inspiration for young minds, encouraging them to explore the wonders of the

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READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

Ready to Print

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Beyond her scientific achievements, Wu has been a trailblazer for women in physics. She became the first female tenured professor in the physics department at Harvard University and has consistently advocated for gender equality and diversity in the sciences.

learning about Sau Lan Wu introduces to the world of particle physics, emphasizing the importance of curiosity and collaboration in scientific exploration.

As we celebrate Women's History Month, Sau Lan Wu's story serves as an inspiration for young minds, encouraging them to explore the wonders of the universe and consider the diverse opportunities within the field of physics.

COMPREHENSION QUESTIONS

6. What particle, central to the Standard Model of particle physics, did Wu and her colleagues study at the LHC?
   a) Quark
   b) Lepton
   c) Boson
   d) Gluon

7. What milestone did Sau Lan Wu achieve in her career at Harvard University?
   a) First female astronaut

partment

ty and diversity in the

scientific exploration?

NSION QUESTIONS

DATE:_____

E THE CORRECT ANSWER.

Wu born?

Sau Lan Wu pursue her doctoral studies at Harvard University?

ted to the discovery of which fundamental particle that
rce?

4. In which organizations did Sau Lan Wu conduct experiments related to particle physics?
   a) NASA and ESA
   b) CERN and Fermilab
   c) MIT and Stanford
   d) JAXA and INPE

5. What is the Large Hadron Collider (LHC)?
   a) A laboratory for astronomy
   b) A particle accelerator
   c) An observatory for gravitational waves
   d) A space exploration agency

ANSWERS

1. c) Hong Kong
2. b) 1960s
3. c) Gluon
4. b) CERN and Fermilab
5. b) A particle accelerator
6. c) Boson
7. c) First female tenured professor in the p
8. c) European Space Agency
9. c) Curiosity and collaboration
10. c) Particle physics

READING COMPREHENSION

CLOSE READING GRAPHIC ORGNIZERS INCLUDED