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## **Level 1**

# **Researchers find Einstein's space waves**

**14th February, 2016**

<http://www.breakingnewsenglish.com/1602/160214-gravitational-waves-1.html>

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# THE READING

From <http://www.breakingnewsenglish.com/1602/160214-gravitational-waves-1.html>

Scientists saw something amazing in space for the first time. They saw gravitational waves. These are waves in space. They move out from the centre. They start when big space objects hit each other. Albert Einstein first spoke about waves in space in 1916. One hundred years later, the researchers proved he was right. They used powerful technology to see the waves. Einstein did not have this technology. He used his genius.

Finding gravitational waves is a very important discovery. Scientists can now see many new things in space. A scientist said it was as important as the invention of the telescope. He said: "It has opened a new window on the universe." He added that: "Using gravitational waves to explore the universe will allow us to see things we could have never seen before." He said it was great that scientists found the waves 100 years after Einstein talked about them.

Sources: <http://canadajournal.net/science/researchers-prove-albert-einsteins-theory-of-relativity-42835-2016/>  
<http://gadgets.ndtv.com/science/news/gravitational-waves-detection-proves-albert-einsteins-century-old-theory-801468>  
<https://thespacereporter.com/2016/02/gravitational-waves-detected-century-einstein-proposed/>

# VOCABULARY MATCHING

From <http://www.breakingnewsenglish.com/1602/160214-gravitational-waves-1.html>

## PARAGRAPH ONE:

- |  |                         |
|--|-------------------------|
| 1. Scientists saw something            | a. later                |
| 2. big space objects hit               | b. have this technology |
| 3. Einstein first spoke about waves in | c. was right            |
| 4. One hundred years                   | d. genius               |
| 5. the researchers proved he           | e. space in 1916        |
| 6. They used powerful technology       | f. amazing in space     |
| 7. Einstein did not                    | g. each other           |
| 8. He used his                         | h. to see the waves     |

## PARAGRAPH TWO:

- |  |                           |
|--|---------------------------|
| 1. Finding gravitational waves is a very | a. on the universe        |
| 2. Scientists can now see many           | b. have never seen before |
| 3. as important as the invention         | c. important discovery    |
| 4. It has opened a new window            | d. new things in space    |
| 5. explore the                           | e. talked about them      |
| 6. allow us to see things we could       | f. the waves              |
| 7. it was great that scientists found    | g. of the telescope       |
| 8. 100 years after Einstein              | h. universe               |

# LISTEN AND FILL IN THE GAPS

From <http://www.breakingnewsenglish.com/1602/160214-gravitational-waves-1.html>

Scientists saw something amazing in space  
(1) \_\_\_\_\_. They saw gravitational waves. These  
are (2) \_\_\_\_\_. They move out from the centre.  
They start when big space objects (3) \_\_\_\_\_.  
Albert Einstein (4) \_\_\_\_\_ waves in space in  
1916. One hundred years later, the researchers proved  
(5) \_\_\_\_\_. They used powerful technology to  
see the waves. Einstein did not have this technology. He  
(6) \_\_\_\_\_.

Finding gravitational waves is a very (7) \_\_\_\_\_.  
Scientists can now see many new (8) \_\_\_\_\_. A  
scientist said it was (9) \_\_\_\_\_ the invention of  
the telescope. He said: "It has opened a new window on the  
universe." He added that: "Using gravitational  
(10) \_\_\_\_\_ the universe will allow us to see  
things we could have never seen before." He  
(11) \_\_\_\_\_ that scientists  
(12) \_\_\_\_\_ 100 years after Einstein talked  
about them.

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <http://www.breakingnewsenglish.com/1602/160214-gravitational-waves-1.html>

Scientists saw something amazing in space for the first time. They saw gravitational waves. These are waves in space. They move out from the centre. They start when big space objects hit each other. Albert Einstein first spoke about waves in space in 1916. One hundred years later, the researchers proved he was right. They used powerful technology to see the waves. Einstein did not have this technology. He used his genius. Finding gravitational waves is a very important discovery. Scientists can now see many new things in space. As scientists said it was as important as the invention of the telescope. He said: "It has opened a new window on the universe." He added that: "Using gravitational waves to explore the universe will allow us to see things we could have never seen before." He said it was great that scientists found the waves 100 years after Einstein talked about them.

## WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a)

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b)

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c)

---

d)

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e)

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f)

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g)

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h)

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*Researchers find Einstein's space waves – 14th February, 2016*  
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## WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a)

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b)

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c)

---

d)

---

e)

---

f)

---

g)

---

h)

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