

**D-2. Complete the mind map about Stephen Hawking using the information on the Internet.**

Remember to visit reliable websites with your teacher's guidance if necessary, take notes, use your own words as far as possible and avoid direct copying of chunks of information.

**Why was Hawking an important person?**

- Stephen Hawking was one of the world's leading theoretical physicists.
- He was famous for his work with \_\_\_\_\_ and cosmology.
- He was also a writer of \_\_\_\_\_

**Background information**

**Year of birth:** \_\_\_\_\_

**Place of birth:** \_\_\_\_\_

**Children:** \_\_\_\_\_

**Early life**

- Hawking's parents were well-educated. Both of them were Oxford University graduates.
- Hawking's father was a respected medical researcher.
- Hawking entered \_\_\_\_\_

**Important events**

- At 21, he was diagnosed with a motor neurone disease. He could not move or talk very well. His illness \_\_\_\_\_

**Other information**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Quotes**

- "While there's life, there is hope."

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## (Answer Key)

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#### Why was Hawking an important person?

- Stephen Hawking was one of the world's leading theoretical physicists.
- He was famous for his work with black holes and cosmology.
- He was also a writer of science books for people who are not scientists.

#### Important events

- At 21, he was diagnosed with a motor neurone disease. He could not move or talk very well. His illness got worse and worse. He could not move or talk completely.
- After obtaining his PhD, he got a teaching job at a university.
- During his career life, he discovered important theories about the Big Bang, black holes and so on.
- He wrote books about science for non-scientists. His first book, *A Brief History of Time*, was very popular.

#### Background information

**Year of birth:** 1942  
**Place of birth:** Oxford, the UK  
**Children:** had 3 children



#### Other information

- A computer programmer developed a speaking programme that could be directed by head or eye movement for Hawking so that he could communicate with the world.
- In 2006, Hawking visited the University of Science and Technology in Hong Kong. He said "While there's life, there is hope." to show his appreciation for life at a press conference.

#### Early life

- Hawking's parents were well-educated. Both of them were Oxford University graduates.
- Hawking's father was a respected medical researcher.
- Hawking entered Oxford University to study physics and chemistry at the age of 17.
- He studied at Cambridge University for a PhD in cosmology.

#### Quotes

"While there's life, there is hope."

"Life would be tragic if it weren't funny."

"We are just an advanced breed of monkeys on a minor planet of a very average star. But we can understand the Universe. That makes us something very special."

(Accept any reasonable answers.)