

Students' Worksheet (Period 4)

Task 1: Outline the radio program.

Task 2: Identify the key information.

Main Points	Key Information
identity	theoretical physicist
(Possible answer: sufferings)	ALS(肌萎缩性侧索硬化症) possible outcome: (Possible answer: could only live a few years) real difficulties: (Possible answer: was unable to move and speak) voice synthesizer(语音合成器)
(Possible answer: attitudes)	In the beginning: (Possible answer: unfair) 50 years later: (Possible answer: quietly satisfied with his life)
(Possible answer: achievements)	(1) (Possible answer: A Brief History of Time became an international bestseller.) (2) (Possible answer: He was recognized for his successful research on black holes.)

Task 3: Note down the key information related to each picture.

Marie Curie	Jane Goodall	Grace Hopper	Rosalind Franklin
 <p>(Possible answer: born in Poland; did most of her work in France)</p>	 <p>(Possible answer: a British scientist; studies animal behavior)</p>	 <p>(Possible answer: worked for the US Navy for 42 years)</p>	 <p>(Possible answer: a British chemist; died at 37)</p>
 <p>(Possible answer: the only person to win a Nobel Prize twice: physics and chemistry)</p>	 <p>(Possible answer: 55 years; study a group of wild chimpanzees in Tanzania)</p>	 <p>(Possible answer: one of the most important people in the development of modern computer software)</p>	 <p>(Possible answer: worked on the study of DNA)</p>
 <p>(Possible answer: studied radiation with her husband)</p>	 <p>(Possible answer: we are much closer to the animal kingdom than we thought)</p>	 <p>(Possible answer: a computer works in ones and zeros: binary code)</p>	 <p>(Possible answer: took X-ray pictures of DNA; almost worked out its structure)</p>
 <p>(Possible answer: random energy that atoms give out)</p>	 <p>(Possible answer: use simple tools)</p>	 <p>(Possible answer: make the computer do something complicated, have to write a lot of ones and zeros)</p>	 <p>(Possible answer: two male scientists used her discovery; won a Nobel Prize)</p>
 <p>(Possible answer: dangerous; can be used to treat cancer)</p>	 <p>(Possible answer: before, we thought humans were the only creature smart enough to do this)</p>	 <p>(Possible answer: create a compiler)</p>	 <p>(Possible answer: doesn't get the credit; not fair)</p>
 <p>(Possible answer: discovered two elements: radium and polonium)</p>		 <p>(Possible answer: turn English into binary code)</p>	

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