

How these women changed science forever

This video honours the great women of science who have changed the world forever! How many of these famous female scientists do you know about?

Tasks

Do the preparation task first. Then watch the video and do the exercises.

Preparation task

Match the definitions (a–h) with the vocabulary (1–8).

Vocabulary

1. groundbreaking
2. to make a contribution to
3. to bombard
4. tremendous
5. chromosome
6. pigmentation
7. a primatologist
8. to be an advocate for

Definition

- a. someone who studies primates (e.g. chimpanzees, apes, etc.)
- b. extremely great, important or strong
- c. using new methods, or achieving new results
- d. the natural colour of something, for example someone's skin
- e. to publicly support
- f. a string of DNA, important for the development and functioning of living things
- g. to attack by hitting repeatedly
- h. to help achieve something or make it successful

Task 1

Write the name of the scientist who made the discovery or achievement.

Marie Curie	Rosalind Franklin	Jane Goodall	Barbara McClintock	Lisa Meitner
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1. Discovered protactinium
2. Discovered polonium and radium
3. Discovered that chimpanzees could make and use tools
4. Won the Nobel Prize in Medicine
5. Founded a non-profit organisation
6. Awarded the Nobel Prize in Physics

7. Discovered nuclear fission, which led to the development of the atomic bomb
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8. Discovered that genetic information is not stationary
9. Discovered the double-helix structure of DNA
10. Became an advocate for conservation

Task 2

Are the sentences true or false?

	Answer	
1. Lisa Meitner worked alone.	True	False
2. Some people were worried about Lisa Meitner's findings.	True	False
3. Barbara McClintock's achievement was recognised immediately.	True	False
4. Rosalind Franklin showed her important findings to Watson and Crick.	True	False
5. Rosalind Franklin was recognised for her contribution to science during her lifetime.	True	False
6. Jane Goodall's findings showed that chimpanzee and human behaviour is often similar.	True	False

Discussion

Which of the scientists in the video do you think is most important? Which finding do you think is the most interesting?

Answers

Preparation task

1. c
2. h
3. g
4. b
5. f
6. d
7. a
8. e

Task 1

1. Lisa Meitner
2. Marie Curie
3. Jane Goodall
4. Barbara McClintock
5. Jane Goodall
6. Marie Curie
7. Lisa Meitner
8. Barbara McClintock
9. Rosalind Franklin
10. Jane Goodall

Task 2

1. False
2. True
3. False
4. False
5. False
6. True