



**Thursday 21<sup>st</sup> January**

1. Sadly, during her lifetime Rosalind did not get the credit she deserved for her part in this groundbreaking discovery.

What does the phrase **did not get the credit she deserved** tell us about Rosalind?

Tick **one**.

- she was thanked for her work
- she refused to accept praise for her work
- she did not deserve any credit for her work
- the importance of her work was not recognised**

2. Look at the paragraph beginning: *In the early 1950s...*

**Find and copy** a group of words that suggests Rosalind's choice of career was unusual. *at a time when few women worked in the sciences*

3. Why was the photograph Rosalind Franklin took of DNA so important?

- *It was so clear that it helped them see the shape of DNA*
- *It was the missing piece of the puzzle for Watson and Crick*
- *It proved that the theory many scientists had of it being helical was correct*
- *It helped scientists understand how DNA worked*

4. *At that time scientists had deduced that DNA existed but couldn't see it under a microscope.*

What does the word **deduced** mean in the sentence above?  
*worked out/figured out/realised/understood/concluded*

5. What does the word helical mean?

*a spiralling curve shape*

6. Look at the final paragraph.

**Find and copy** a group of words that suggests people now know how important Rosalind Franklin's work was. *It is widely recognised (that without her work it could have taken MUCH longer)*

7. Rosalind Franklin's scientific discovery could best be described as which of the below? Tick **one**.

- interesting
- significant**
- extensive
- unnecessary

8. Rosalind Franklin is made to seem inspiring and intelligent. Find evidence to support both of these statements.

Impression	Evidence
Inspiring	<ul style="list-style-type: none"> <li>▪ <i>Her work helped 'unravel the secrets of DNA'.</i></li> <li>▪ She worked as a scientist at a time when few other women worked in the sciences.</li> <li>▪ She went on to make important discoveries about viruses.</li> </ul>
Intelligent	<ul style="list-style-type: none"> <li>▪ <i>Her work helped 'unravel the secrets of DNA'.</i></li> </ul>

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|  | <ul style="list-style-type: none"><li>▪ <i>She was skilled in a special technique that fired beams of X-rays through DNA.</i></li><li>▪ She took a clear photo of DNA that helped others understand how it worked.</li><li>▪ She went on to make important discoveries about viruses.</li></ul> |
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