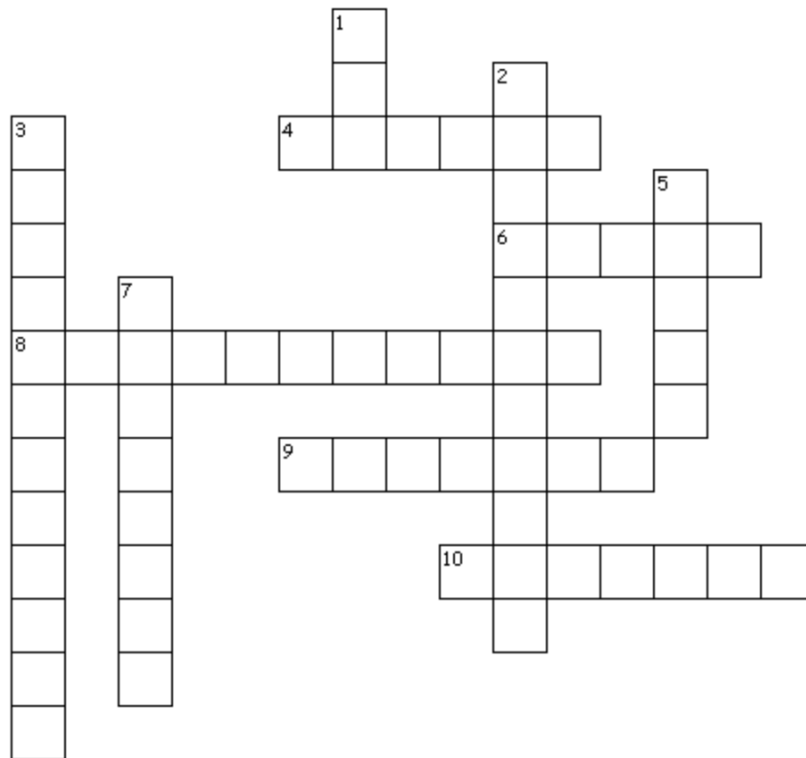


## DNA

Name: ..... Form:.....Date:.....

Complete the crossword by answering the clues below.



### Across

4. The working partner of Crick who got the Nobel Prize for suggesting the structure of DNA.
6. The part of DNA which carry the codes for different amino acids.
8. Long strands of deoxyribose nucleic acid.
9. The organelle in the cell where DNA can be found.
10. The surname of the male scientist who took x-ray images of DNA.

### Down

1. The chemical that contains genetic information and found in the nucleus of the cell.
2. Shape of the DNA molecule.
3. The organelle in the cell where respiration happens and where DNA can also be found.
5. Units of inheritance.
7. The surname of the female scientist who took x-ray images of DNA .

### Going further

If you want to find out more about a career as a food scientist visit [www.chillededucation.org/](http://www.chillededucation.org/).

# DNA

## Teachers Notes

### Teaching ideas

This activity is an overview exercise and could be set as a homework task. The web-link provides further information and activities related to food science and careers.

### Answers

#### Across

4. The working partner of Crick who got the Nobel Prize for suggesting the structure of DNA. Watson

6. The part of DNA which carry the codes for different amino acids.

#### Bases

8. Long strands of deoxyribose nucleic acid. Chromosomes

9. The organelle in the cell where DNA can be found. Nucleus

10. The surname of the male scientist who took x-ray images of DNA.

Wilkins

#### Down

1. The chemical that contains genetic information and found in the nucleus of the cell. DNA

2. Shape of the DNA molecule. Double helix

3. The organelle in the cell where respiration happens and where DNA can also be found. Mitochondria

5. Units of inheritance. Genes

7. The surname of the female scientist who took x-ray images of DNA .

Franklin