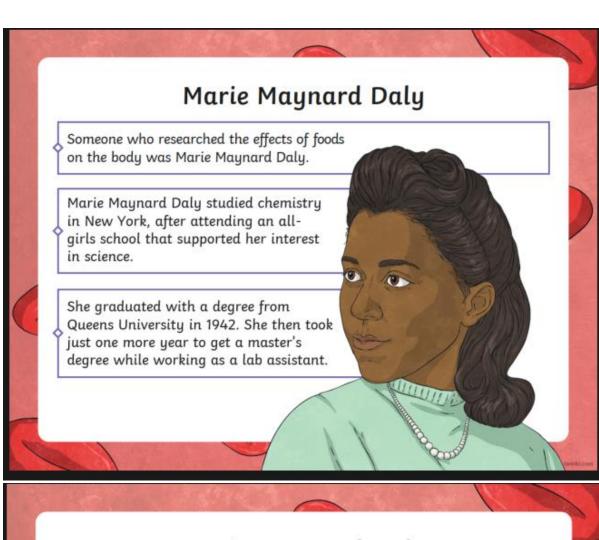
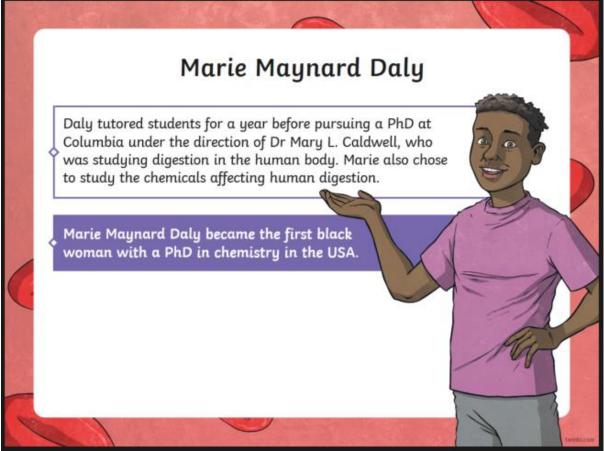
## Week beginning Monday 6th July: Years 5 and 6 Science

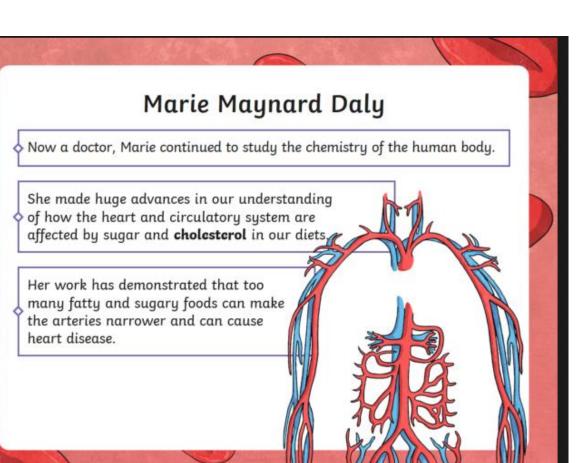
Last week we learned about the life and work of Daniel Hale Williams. This week we are going to learn about Marie Maynard Daly. First, please have a look at this information about Marie.



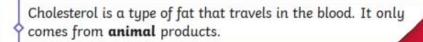








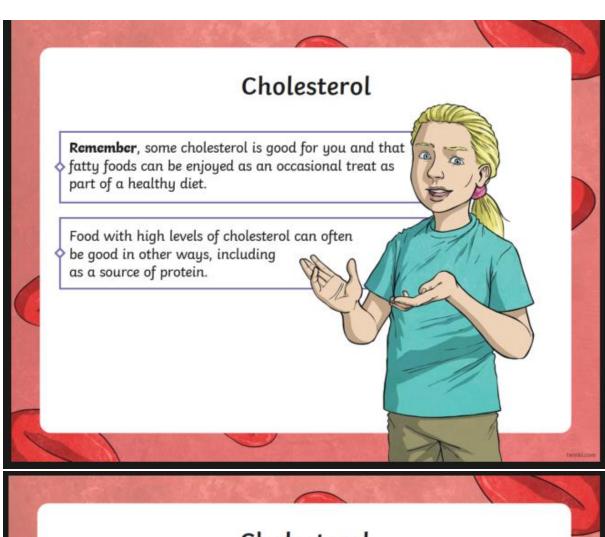
## Cholesterol

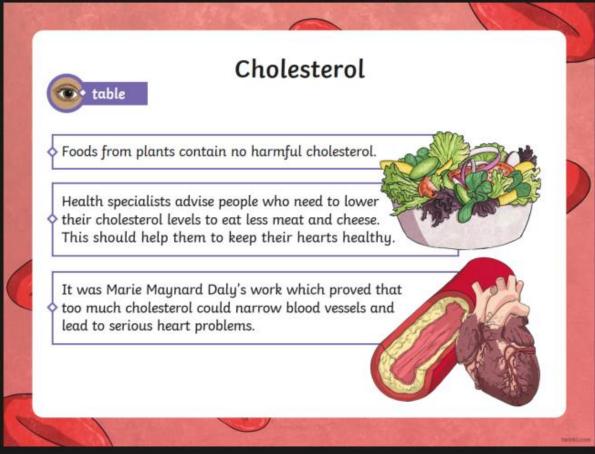


Our own livers actually make some cholesterol as some parts of our bodies need it.

We now know that there are two types of cholesterol.

- One is good for keeping our blood vessels clean.
- The other does the opposite it can build up and block blood vessels which can be very dangerous. This was the type Marie Maynard Daly was interested in.





## Overcoming Obstacles





#### Marie's achievements:

- 1942 Marie completes her first degree.
- 1943 Marie completes her master's degree.
- 1947 Marie completes her PhD.



### Significant events in the USA:

 1940s – There is a decline in men studying in further education due to the Second World War.

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# Overcoming Obstacles





### Marie's achievements:

 1948 - Marie wins a grant from the American Cancer Society to study how the body builds proteins.



### Significant events in the USA:

 1948 – Segregation ends in the US armed forces (black and white soldiers are allowed to fight and train together).

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# Overcoming Obstacles





#### Marie's achievements:

◆ 1955 - Marie begins researching heart attacks.



#### Significant events in the USA:

 1954 – A law is passed to end segregation in schools (although many schools remain segregated).

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# Overcoming Obstacles





#### Marie's achievements:

 1960 – Marie begins teaching biochemistry and studying how age affects the heart.



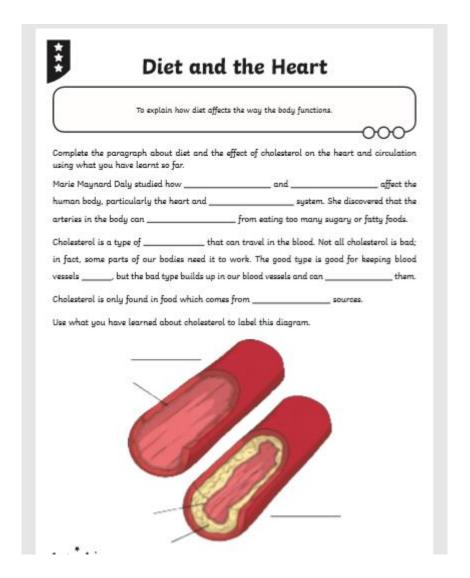
### Significant events in the USA:

- 1955 Rosa Parks refuses to give up her seat on the bus commonly thought of as the start of the Civil Rights Movement.
- 1957 60 black leaders and pastors, including Martin Luther King, meet to coordinate protests against discrimination and segregation.

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## **Activities**

Now try out your Science skills with these activities. Have a go at **activity 1**. Please record the answers in your book.



Now try <u>activity 2</u>. Can you draw and complete this activity sheet in your book?

