**Find out more**

**Here are some weblinks so you can find out more about the topics in todays session and some fun activities you can try.**

***What is DNA?***

1. Watch this video clip to find out what DNA is.

<http://learn.genetics.utah.edu/content/basics/dna>

1. Watch this fantastic video to find out “What does DNA do?”

<https://www.yourgenome.org/video/what-does-dna-do>

1. Have a look at this great song all about DNA!

<https://www.youtube.com/watch?v=T5gEIViVAPw>

1. Have a go at making an origami DNA Helix.

<https://www.yourgenome.org/activities/origami-dna>

1. Have a go a making a DNA Helix out of sweets!

<https://www.yourgenome.org/activities/yummy-gummy-dna>

***What are cells?***

1. Try these interactive games to find out just how big a cell in your body is!

<http://www.cellsalive.com/howbig_js.htm>

<http://learn.genetics.utah.edu/content/cells/scale/>

1. Why not watch the video clips below to help your understanding of what cells are?

<https://www.youtube.com/watch?v=8qFAcgy7Ufw>

<http://ed.ted.com/on/lm7NqUdx>

1. Why not make your own cell out of a cookie. Click on the link below to find out how. <https://www.childrensmuseum.org/blog/saturday-science-homemade-animal-cell-cookie>

***Find out more about famous scientists***

1. Find out about Rosalind Franklin by watching this video clip.

<https://www.youtube.com/watch?v=BIP0lYrdirI>

1. Read the story of Rosalind Franklin by clicking on this link

[www.yourgenome.org/stories/giants-in-genomics-rosalind-franklin](http://www.yourgenome.org/stories/giants-in-genomics-rosalind-franklin)

1. Read the story of how the structure of DNA was discovered

[www.yourgenome.org/stories/unravelling-the-double-helix](http://www.yourgenome.org/stories/unravelling-the-double-helix)

1. Find out about Mary Anning by watching this video clip.

<https://www.youtube.com/watch?v=N_UyUL6vDcE>

1. Find out more about Ada Lovelace by watching this video clip.

<https://www.youtube.com/watch?v=uOkmyICUW_c>

***Find out more about ‘Cheddar Man’ and using DNA to find out what people***

***from the past looked like.***

1. Find out more about ‘Cheddar Man’ by listening to this live session with scientists working at the National History Museum.

<https://www.youtube.com/watch?v=TQ8dc0XhUMM>

1. Read this article to find out how Adrian Targett found out he was a relative of Cheddar Man.

<http://the-history-girls.blogspot.com/2012/08/who-do-you-think-you-are-by-sue-purkiss.html>

1. Find out how scientists determined what ‘Cheddar Man’ looked like.

<https://www.youtube.com/watch?v=_r4c2NT4naQ>

1. Have a go at this fun activity and match the DNA to work out what your mystery skeleton looks like.

<https://www.yourgenome.org/activities/recreate-a-face>

1. Read this incredible article about how scientists were able to get DNA from birch tar – ancient chewing gum and find out what the person who chewed it looked like!

<https://www.nationalgeographic.co.uk/history-and-civilisation/2019/12/dna-stone-age-chewing-gum-tells-incredible-story>

***Have a go at extracting DNA in an online laboratory!***

* + - 1. Why not have a go at extracting some DNA in this virtual laboratory with real pipettes and centrifuges?

<https://learn.genetics.utah.edu/content/labs/extraction/>