

IAL: about inheritance

<https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/zp9f4qt>

<https://www.youtube.com/watch?v=9JLwZghwmBo>

When living things reproduce, they pass on physical characteristics or traits.

Use the two links above to learn more about inheritance and then answer these questions:

Gumbo says, "These two must be related because they have got the same hairstyle!"



Do you agree with Gumbo? Explain your answer.

No - hairstyles are not inherited; they are chosen.

Catriona has blue eyes and brown hair. Is it possible that neither of her parents had brown hair or blue eyes? Explain your answer.

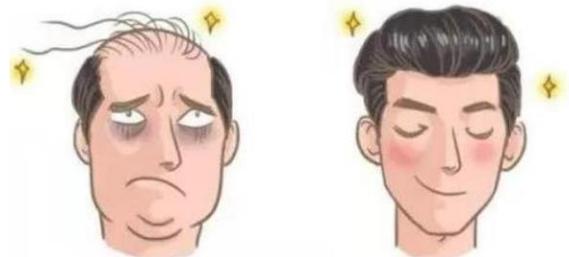


Yes it is possible. Her eye colour could have been inherited from her grandparents.

A more thorough answer would mention the recessive alleles! Both of her parents would have had the blue eye allele and brown hair

allele but they would have been recessive alleles.

Jurgen is bald but his son, Sid isn't. Sid is convinced that he will **definitely** go bald eventually, like his dad. Is he right or wrong? Explain why.



Sid is wrong- having a bald father does not mean that you will **definitely** go bald. It is more likely that he will, but he may have inherited the baldness gene from his parents.



These are pictures of me and my granddad (taken 73 years ago!)
What physical traits have I inherited from him?

Shape of nose, shape of ears, jawline, hairline, shape of mouth, shape of cheek.

What can't you tell from the picture about any other possible characteristics I may or may not have inherited from him?

You can't tell from the black and white photos but the hair colour and eye colour are the same too!

The photograph doesn't if we were a similar height or shade of skin.
Any inherited illnesses or diseases cannot be seen via photographs.

What physical characteristics have you inherited from your parents/grandparents?

IAL: about the comparisons between Henry VIII's wives and their relative significance

<https://www.natgeokids.com/uk/discover/history/monarchy/wives-of-henry-viii/>
<https://www.youtube.com/watch?v=-fadCAHjN-s>
<https://www.youtube.com/watch?v=g2ieqpiYaA0>

The actress Elizabeth Taylor was married 8 times and the actor Billy Bob Thornton has been married 5 times. Multiple marriages is not all that uncommon now, so why is it so important that Henry VIII had 6 wives? Let's find out...



**divorced, beheaded, died,
divorced, beheaded, survived...**

What do you know about Henry's wives? What did they have in common?

Match the facts on the second page to the queen:



1) Catherine of Aragon



2) Anne Boleyn



3) Jane Seymour



4) Anne of Cleves



5) Catherine Howard



6) Catherine Parr

fact	queen
She looked after Henry when he was sick and took care of his three children.	Catherine Parr
Henry was over 30 years older than her when they married.	Catherine Howard Anne Boleyn
She was the mother of Elizabeth I.	Jane Seymour
She was the only one of Henry's wives to be given a queen's funeral and he was later buried beside her.	Catherine of Aragon
This queen was the mother of Mary I and had previously been married to Henry's older brother, Arthur!	Anne of Cleves

Find out at least one more fact about each of Henry's wives and then choose three of them to compare.

Which of Henry's wives do you think was the most significant? Explain your answer fully. You might like to consider the impact they had on the country or their legacy.

Most of Y6 chose Anne Boleyn as the most significant because she was Elizabeth's mother and because of her being one of the main causes of the creation of the Church of England!

Some chose Jane Seymour because she gave birth to a future king and because she was the one that Henry "truly" loved!

Nobody chose poor Catherine Howard.

IAL: about the life and work of Barbara Hepworth

<https://www.tate.org.uk/kids/explore/who-is/who-barbara-hepworth>

<https://www.youtube.com/watch?v=yv77WKiUxm8>

Dame Barbara Hepworth was one of the most influential and well-known British artists. Watch the clips on the links above to learn more about her and her work.



Explain why Barbara Hepworth is such an important figure in British art.

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Which of the following statements are true? Circle the true ones.

She was born in Cornwall.

Her art was inspired by the war.

She moved to St Ives.

She is mainly known for her sculptures

Her work was instantly popular with all art critics.

She died in a fire in her art studio.

Study some of Barbara's paintings and choose one that appeals to you- have a go at recreating it or producing your own artwork inspired by it!

https://www.google.com/search?q=paintings+by+barbara+hepworth&tbm=isch&chips=q:artist+barbara+hepworth,g_1:artwork:Xr4Sw1sEhUM%3D&rlz=1C1GCEB_enGB847GB847&hl=en-US&ved=2ahUKEwiNjffgy-jpAhUK3hoKHXhvCdQQ4IYoCXoECAEQHw&biw=1519&bih=706