



Genes Affect How We Look



G4-U1-L7



Genes Affect How We Look

Why does one kid have green eyes while another kid's eyes are brown? It's all in the genes!

Learn



Genes Affect How We Look

Genes play an important role in determining physical traits — how we look —and lots of other stuff about us. They carry information that makes you who you are and what you look like: curly or straight hair, long or short legs, even how you might smile or laugh.

Learn



Genes Affect How We Look

For example, if both of your parents have green eyes, you might have green eyes. Or if your mom has freckles, you might have freckles too because you inherited the trait for freckles. Genes aren't just found in humans — all animals and plants have genes, too.

Practice



What will affect our looks?



Can genes just be found in humans?



Practice

True or False



1. If your mom has freckles, you might have freckles .

2. Genes can't affect how we look.

Practice

True or False

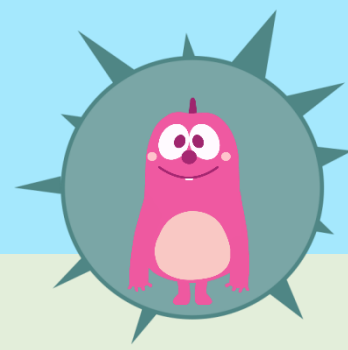
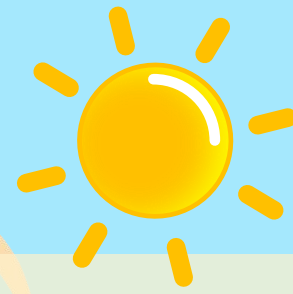


3. You might inherit your parents' eye color.

4. Genes are just found in humans.

Practice

Click on the leaf.



1. _____ carry information that makes you who you are and what you look like.

2. If your mom has freckles, you might have _____.

3. If both of your parents have green eyes, you might _____ the trait for green eyes from them.

4. Genes play an important role in determining physical _____.

inherit

Genes

freckles

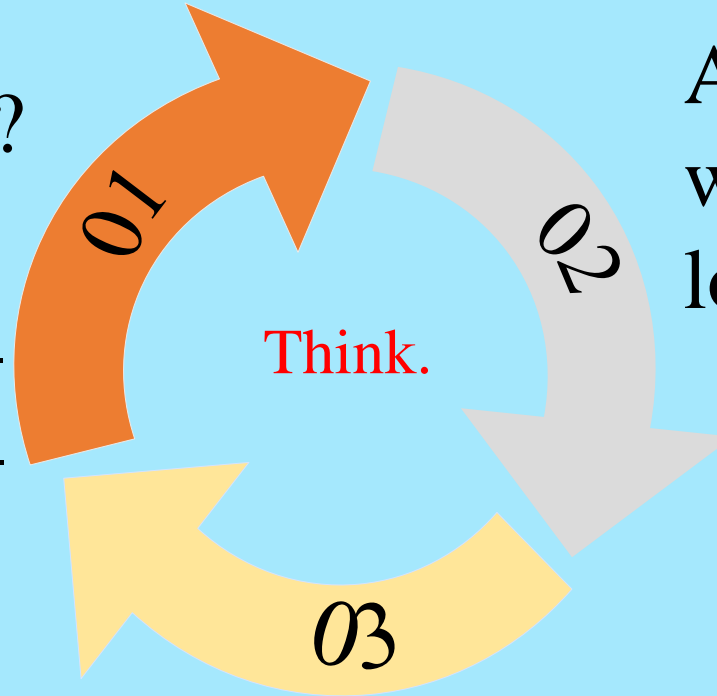
traits



Practice

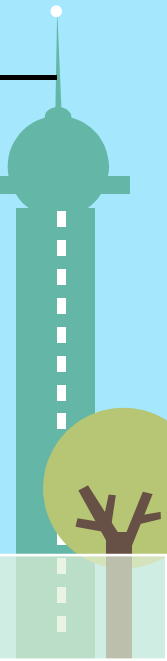


Are our faces unique?
Explain.



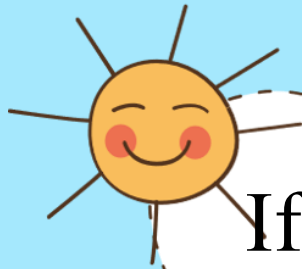
Are there two people
with exactly the same
look? Explain.

What's your opinion on genes? Explain.



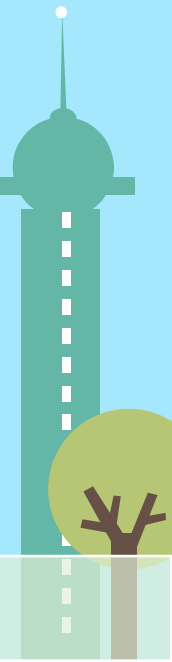


Practice



Talk.

If you could change children's DNA
in the future, would you?





Conclusion

1. We have learned the words:

genes, inherit, trait, freckle

2. We have learned the sentences:

Genes play an important role in determining physical traits — how we look —and lots of other stuff about us.

Or if your mom has freckles, you might have freckles too because you inherited the trait for freckles.



