

Inheritance

Integrated English and Biology lesson



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sy**S**TEAM

The aims and objectives of the lesson

- To revise the main information of the DNA
- To find out about the inheritance process
- To explore the special terms on DNA
- To enable students to talk about innate qualities using synonymous phrases.

What physical and
mental traits can be
inherited?

In pairs complete the questionnaire
using the words given.

Bases

chromosomes

code

genome

helix

trait

Answers to the completion of the quiz

1. Double helix
2. Pairs of chromosomes
3. Human genome
4. Genetic code
5. Physical traits

Answers to the quiz

1. B its structure is arranged in pairs
2. A 23
3. A 4 (guanine, adenine thymine and cytosine)
4. B 25,000
5. C
6. C (certain ancestors had , but not their parents)

Biology problem

Remember what are the characteristic for the DNA molecule , giving the arguments on the complementary principle of a molecule.

Watching the video

Why DNA tests are not
always trusted?

Reflection

Listen to the dialogue between people talking about family similarities.

1. I've got the same kind of nose as my dad.
2. I've inherited my mum's personality.
3. We deal with stressful problems in a very similar way.
4. I look extremely similar to my granddad.
5. Other people can see that my sister and I are from the same family.
6. My brother does not look similar to any other family member.
7. I can see clear similarities between me and my dad.
8. The habit must have been inherited.

Synonymous phrases

1. I've definitely got my dad's nose.
2. In terms of personality, it's my mom that I take after.
3. We've got a lot in common when it comes to dealing with stressful problems.
4. I'm a spitting image of my grandad.
5. Other people notice a strong family resemblance between me and my sister.
6. My brother looks absolutely nothing like anybody else in the family.
7. I can see myself in my dad quite clearly.
8. The habit must have been passed on genetically.

Reflection

List the positive and negative aspects of the class

Working atmosphere 1 -5	Cooperation 1 - 5	How well I learned/ understood 1 - 5	Was the class beneficial 1 - 5