

# -Correction Class 4 – video class on DNA

## Réponses propres à chaque étudiant

### 1. What do you know about... (before watching)

DNA	
Genome	
Chromosomes	
A gene	
A protein	

### 2. Vocabulary. Watch the video and find the English equivalents .

**BBC report** <https://www.youtube.com/watch?v=YvQCBdTta-po>

1. la progéniture, la descendance	<b>offspring</b>	2. être stocké	<b>To be stored</b>
3. une double hélice	<b>A double helix</b>	4. un brin (d'ADN)	<b>A (DNA) strand</b>
5. une sauvegarde, un plan de secours	<b>A backup</b>	6. efficace	<b>efficient</b>
7. le noyau	<b>The nucleus</b>	8. une cellule	<b>A cell</b>
9. une protéine	<b>A protein</b>	10. jouer un rôle, accomplir une tâche	<b>To perform a job</b>
11. une seule (cellule...)	<b>A single (cell...)</b>	12. la forme	<b>The shape</b>
13. une espèce	<b>A species</b>	14. des particularités, caractéristiques	<b>Features</b>
15. la hauteur	<b>The height</b>	16. le caractère unique, la singularité	<b>The uniqueness</b>
17. une empreinte digitale	<b>A fingerprint</b>	18. la précision	<b>Accuracy</b>
19. un parent	<b>A relative</b>	20. des bactéries	<b>Bacteria</b>
21. des preuves	<b>Evidence</b>	22. élever, faire naître	<b>To breed</b>

23. l'ingénierie génétique	<b>Genetic engineering</b>	24. modifier, transformer	<b>To alter</b>
25. la sécheresse	<b>Drought</b>	26. très long	<b>Lengthy</b>
27. par erreur	<b>Mistakenly</b>	28. étiqueter, catégoriser	<b>To label</b>
29. imprévu	<b>Unforeseen</b>	30. subtile	<b>Subtle</b>

### 3. Watch the video and find some answers to question #1

	Information given in the video
DNA	<ul style="list-style-type: none"> <li>• The instruction manual for how to build life</li> <li>• It defines us all by defining our hair color, facial features and height</li> <li>• DNA means Deoxyribonucleic Acid</li> </ul>
Genome	<ul style="list-style-type: none"> <li>• It is the complete set of instructions encoded in an organism's DNA</li> <li>• It is passed from parents to offspring during reproduction</li> </ul>
Chromosomes	<ul style="list-style-type: none"> <li>• They are paired packages that are stored in the nucleus of a cell</li> <li>• The number of chromosomes is different depending on the species</li> <li>• Humans have twenty-three pairs</li> <li>• They contain many genes</li> </ul>
A gene	<ul style="list-style-type: none"> <li>• It is a section of DNA that contains the instructions for a protein</li> </ul>
A protein	<ul style="list-style-type: none"> <li>• Proteins are essential</li> <li>• The spectrum of the jobs they perform is wide: they can control a single cell and determine the shape of an entire organism</li> </ul>

### 4. Grammar. Uncountable nouns.

a. Observe and translate the following phrases:

“Information is stored in DNA.”: **Les informations sont stockées dans l'ADN.**

“to safeguard this precious genetic information” : **Pour préserver ces précieuses informations**

b. What do you notice? **“Pluriel de information”**

c. How do you call nouns that are seen as a whole and cannot be divided to be counted? **They are uncountable.**

d. Fill in the following words **advice, chocolate, sweat, jam, lemonade, meat, dandruff, milk, oil, rice, tea, tennis, sugar.**

Example: a lump of **sugar**

- 1) a piece of **advice**
- 2) a packet of **rice**
- 3) a bar of **chocolate**
- 4) a glass of **lemonade (or milk)**
- 5) a cup of **tea**
- 6) a bottle of **milk (of lemonade)**
- 7) a slice of **meat**
- 8) a barrel of **oil**
- 9) a game of **tennis**
- 10) a jar of **jam**
- 11) a flake of **dandruff**
- 12) a bead of **sweat**

e. In each sentence, choose the best phrase to complete the gap from the choices below

1. The receptionist at the front desk gave me two \_\_\_\_\_  
a) ~~informations~~    b) information    **c) pieces of information**
2. My cousin is beautiful. She has green eyes and \_\_\_\_\_  
a) **Long hair**    b) long hairs    c) a long hair    d) a long length of hair
3. \_\_\_\_\_ have you got in the bank? Is it enough to buy a house?  
a) ~~How many moneys~~    b) ~~how many money~~    **c) how much money**
4. On Saturday Paul went fishing and he caught \_\_\_\_\_  
a) **Three fish**    b) three fishes    c) ~~three items of fish~~
5. Can I borrow \_\_\_\_\_ from you?  
a) paper    b) a paper    c) ~~a slice of paper~~    **d) a piece of paper**
6. Every morning I spend 30 minutes doing \_\_\_\_\_. This is how I stay slim.  
**a) exercise**    b) an exercise    c) some exercises
7. United Airlines allows two \_\_\_\_\_ per passenger.  
a) ~~luggages~~    b) ~~pieces of luggages~~    **c) pieces of luggage**

## 5. Group work. Speaking.

In groups of three or four, come up with an oral recap of what DNA is and why it is worth studying. Focus on the pronunciation tips you worked on last week.

## 6. Writing. Answer the question with a 150-word paragraph

*Do DNA testing kits put people's privacy in jeopardy?*

You may use some of the following words (but you do not have to):

to be curious, safe, unsafe, violation, to rape, adoption, a database, results, confidential, to fear, to improve, to be free to,

connectors: indeed, however, whereas

Rappel : lorsque je me relis, je pense à vérifier 1. Les temps (-s au présent he she it, passé régulier ou irrégulier), 2. Ponctuation et syntaxe (phrases trop longues, majuscules...), 3. Vocabulaire (des répétitions ? ai-je utilisé du vocabulaire ciblé ?)

Conseil supplémentaire : lorsque j'écris de façon formelle, j'évite de contracter. Ex : People don't like... → People do not like...

Rappel : vous pouvez envoyer votre travail sous Word à votre enseignant.e.