

### GYMNÁZIUM SOBRANCE

Projekt Erazmus Plus KA 101

### Inovatívnosť a flexibilita - záruka kyality vzdelávania

### Pracovný list

Predmet: Biológia

Názov tematického celku: Dedičnosť a premenlivosť organizmov

Názov učebnej látky: Prenos genetickej informácie

Trieda: Kvarta Dátum: 6. 8. 2019

Aktivita: Video s názvom How DNA transfer genetic information – From DNA to protein 3D

https://www.youtube.com/watch?v=gG7uCskUOrA



From DNA to protein - 3D

Task: Watch and listen the video and in the text below fill the gaps with the missing words.

#### Key words:

Cells, nucleus, genome, chromosomes, DNA, RNA, genes, protein, RNA polymerase, Mesenger RNA, Transfer RNA, transcription, cytoplasm, ribosomes, code, protein chain, amino acids, triplet,

Here is a cell the basic unit of all living tissue in most human .......There is a structure called a nucleus. The ......contains the genome in humans. The .....is split between 23pairs of chromosomes. Each ............ contains a long strand of DNA tightly packaged around ......... called histones. Within the ......... are sections called genes. These ............contain the instructions for making proteins. When a gene is switched on an enzyme called ............attaches to the start of the



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