

What is the process of phagocytosis?	The engulfing and destruction of foreign cells.
What is the process of protein synthesis?	1: DNA is stored in the nucleus but this is the 'master copy'; it cannot leave. 2: Proteins are made in the ribosomes, which are in the cytoplasm. This means mRNA copies the DNA strand and takes it there. This is called transcription. 3: At the ribosomes, the DNA code is used to put the amino acids together in the right order to form the proteins by the use of tRNA. This is called translation. 4: These proteins are used for the growth and repair of cells.
What is the process of selective breeding?	1: Choose the characteristic to improve. 2: Select the parents showing that characteristic. 3: Breed the parents together. 4: Select the offspring showing the desired characteristic. 5: Breed the selected offspring with others showing the desired characteristic. 6: Repeat the process over many generations. 7: Over time the selected characteristics will improve.
What is the process of tissue culture?	1: Pick a plant you want to clone. 2: Hundreds of new plants can be made by taking lots of small pieces of plant tissue from the parent plant. 3: They are put into sterile culture tubes with a nutrient agar growing medium containing hormones. 4: Tissue culture is done using antiseptic techniques meaning everything is sterile.
What is your metabolic rate?	It is the amount of energy your body needs.
Why do cells divide?	To grow in number, replace worn out cells, repair damaged tissue.

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Page 5 of 5