

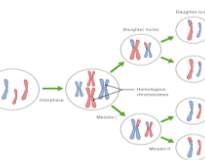


SCAN ME



Final assessment
★
Review of learning

Apply:
CB2 Mitosis
CB2 Growth in animal and plant cells
CB2 Stem cells
CB3 Meiosis
CB6 Plant structures
CB8 Efficient transport and exchange
+16 Cell structure and function



Revision

Retrieval, keyword definitions and equation practice.

LESSON 12

Variation

Factors that cause variation including environmental and inherited causes.



Gene mutation
Describe the differences in a person's phenotype, genotype

LESSON 10

Multiple and missing alleles

Alleles account for the differences in inherited characteristics

LESSON 11

Inheritance

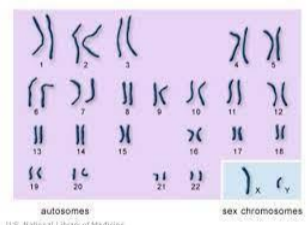
Monohybrid inheritance and punnett squares



Alleles

Alleles account for the differences in inherited characteristics

LESSON 8



LESSON 7

Mendel

Describe the work of Mendel

LESSON 4

DNA Extraction

Investigate how to extract DNA from fruit



LESSON 5

Protein synthesis

Describe stages of protein synthesis

LESSON 6

Genetic variants and phenotype

Explain how genetic variants can affect phenotype.

DNA

Describe DNA as polymer



— Adenine
— Thymine
— Cytosine
— Guanine
— Phosphate backbone

Meiosis

Meiosis is a type of cell division and produces the gametes

Sexual and asexual reproduction

Explain advantages and disadvantages of asexual and sexual reproduction

LESSON 3

LESSON 2

LESSON 1

Retrieve:

B1.1 Observing cells
B1.2 Plant and animal cells
B1.3 specialised cells
B1.4 Movement of substances
B2.1 Nutrients
B2.2 Food tests
B2.5 bacteria & enzymes

Make sure you can write definitions for these key terms.

meiosis, DNA, polymer, alleles, punnett square, genetic diagrams, phenotype, genotype, inherited, environmental, mutation, variation

Key terms

