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|----------------------|--|---|---|---|--|--|
| Key Vocabulary | magnification, resolution, eukaryotic, prokaryotic, gametes, precipitate, denatured, active site | mitosis, asexual reproduction, haploid, diploid, differentiation, meristems, elongation, neurotransmission, reflex arc | clones, meiosis, zygote, daughter cells, adenine, thymine, cytosine, guanine, alleles, homozygous, heterozygous, punnet square | evolution, Ardi, binomial system, resistance, pentadactyl limb, classification | communicable disease, non-communicable diseases, pathogens, immune system, malnutrition, cirrhosis, stent, cardiovascular, immunisation | communicable disease, non-communicable diseases, pathogens, immune system, malnutrition, cirrhosis, stent, cardiovascular, immunisation |
| Formative Assessment | 6 mark question with teacher feedback | 6 mark question with teacher feedback | 6 mark question with teacher feedback | 6 mark question with teacher feedback | 6 mark question with teacher feedback | 6 mark question with teacher feedback |
| Summative Assessment | End of unit test | End of unit test | End of unit test | End of unit test | End of unit test | End of unit test |
| Careers | Equine dentist, forensic scientist, hydro therapist, marine biologist, neuroscientist, optician, paramedic. | Forensic scientist, lab technician, marine biologist, neuroscientist, optician paramedic | Botanist, conservationist, marine biologist | Immunologist, marine biologist, neuroscientist, zoologist | Journalist, lab technician, marine biologist, urologist, zoologist | Journalist, lab technician, marine biologist, urologist, zoologist |
| Links | To build on the use of a microscope, cell structure and adaptations. To prepare for enzymes in digestion. In addition, describe substances moving by diffusion. | To build on how cells divide. In addition, the structure of plant and animal cells. To prepare for the nervous system helping to coordinate actions in the human body. | To build on the difference between environmental and inherited variation. To prepare for stating that a zygote is formed by two gametes fusing. In addition, the location of DNA in a eukaryote. | To build on DNA containing instructions for characteristics of organisms. To build on Darwin devised a theory to explain how organisms change over time. | To build on the causes of obesity and deficiency diseases. To prepare for stating how recreational drugs can affect behaviour, health and life processes. | To build on the causes of obesity and deficiency diseases. To prepare for stating how recreational drugs can affect behaviour, health and life processes. |