

Progress Page

Yr8 Topic: Down On The Farm

Working Towards	Expected Standard	Reaching Greater Depth	
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To achieve 'Expected Progress' you will be able to....	WT	ES
ES1-describe how to make a slide and observe cells under the light microscope		
ES2- Label the organelles of a plant and animal cell		
ES3 – Describe the function of the organelles in an animal and plant cell		
ES4- describe how different cells are specialized for a particular function		
ES5.- Define adolescence and describe the physical changes which take place		
ES6 – Identify the biological structures and functions of the male and female human reproductive systems		
ES7- Define the terms gamete, fertilization and gestation		
ES8 – Describe the stages of the menstrual cycle		
ES9- Identify the feeding relationships between organisms in food chains and webs		
ES10- Explain how food chains can be affected due to interdependence		
ES11- Describe how organisms become adapted to their environment, and adapt to environmental changes		
ES12- Explain the difference between inherited and environmental variation		
ES13 – Use examples to show the difference between continuous and discontinuous variation		
ES14 – State the location of DNA in the cell and the structures DNA forms		
ES15- Describe how characteristics are inherited		
ES16 – Describe the factors that lead to extinction and the methods used to prevent extinction		
To achieve 'Greater Depth' you will be able to...	GD	
GD1 – Compare the light and electron microscopes		
GD2 – Calculate magnification of images observed using a microscope		
GD3 – Describe the role of the mitochondria and ribosomes		
GD4 – Explain the cause of identical and non-identical twins		
GD5 - Name the hormones involved in the menstrual cycle		
GD6 – Calculate energy transfers along a food chain		
GD7 – Define biodiversity		