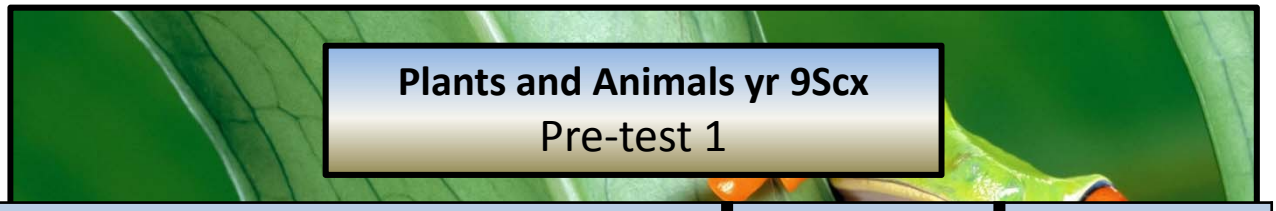
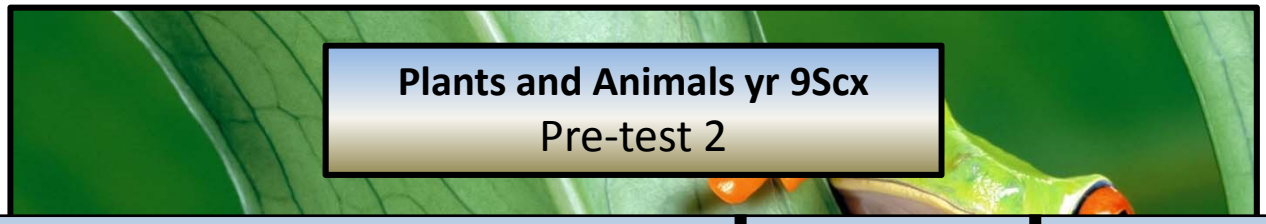


Plants and Animals yr 9Scx
Pre-test 1

Science ideas I need to know **Success Criteria**	Start of Unit			End of Unit		
	I know this	I know some of this	I need to learn this	I know this	I know some of this	I need to learn this
1a. Justify whether an object is living or not living						
1b. Define and give examples of each life process that MRS C GREN stands for						
2a. Describe the purpose for classifying living organisms						
2b. Create and use a simple dichotomous identification key						
2c. Classify living organisms into; Bacteria (Monera), Protists, Animals, Plants or Fungi						
2d. Classify the main Phylum of Animals and be able to sort examples of animals into them						
3a. Label a diagram of a typical animal cell and a typical plant cell (cell membrane, cytoplasm, nucleus, cell wall, vacuole, chloroplast only)						
3b. Compare and contrast the structures and functions of the parts of animal and plant cells						
3c. Use a microscope correctly						
3d. label a diagram of a microscope and explain each parts function						
3e. Prepare a slide of an onion cell and explain the significance of each step						
3f. Draw a biological diagram of a plant cell viewed from the microscope						
4a. List the major parts of plants and describe their function						
4d. Construct a diagram showing the flow of reactants and products of photosynthesis in a plant						
4e. Recall the word and formula equation for photosynthesis						



Plants and Animals yr 9Scx
Pre-test 2

Science ideas I need to know **Success Criteria**	Start of Unit			End of Unit		
	I know this	I know some of this	I need to learn this	I know this	I know some of this	I need to learn this
5a. Draw a typical flower then label each of these parts – anther, filament, stigma, style, ovary, ovule, petal, sepal						
5b. Describe the process of pollination and fertilisation						
5e. Describe examples of animal- and wind-dispersed seeds or fruits, including New Zealand examples						
6a. Complete a model of the human body showing the major organ systems						
6b. Link in order of complexity the; cell, tissue, organ, organ system and organism						
7a. Identify different types of human teeth and link the type to its function						
7b. Draw and label the internal structure of a human tooth						
7c. Determine the diet of an animal based on its dentition						
7d. Identify the main structure of the digestive system and its associated organs (mouth, oesophagus, stomach, small and large intestine, rectum, anus, pancreas and liver)						
7e. Describe the journey food takes as it passes through the digestive system						
8a. Identify the main bones in the Human skeletal system						
9a. Create a diagram/model showing the flow of blood around the human body						
10a. Label the main structures of the mammalian respiratory system (larynx, trachea, epiglottis, bronchi, bronchioles, alveoli, diaphragm and intercostal muscles)						