

Unit 10 – Plants and Animals - Check List

Check your learning ! Can you do all the things on the list below ?

I can:

- ☐ classify living things as either plant or animal and if animal, can decide whether the organism is a vertebrate with a backbone or an invertebrate.
- ☐ list the five groups of vertebrates with the particular characteristics that are used to identify them. i.e. mammals have hair or fur and produce milk for their young.
- ☐ use and make a simple key to identify organisms
- ☐ list the seven characteristics of living things and know that all living things are made of cells.
- ☐ identify and state the function of the eyepiece, objective lens, stage and focus knob on a microscope.
- ☐ describe how to prepare a slide of onion epidermis and name the stain that I would use to make the cells easier to see.
- ☐ describe how to prepare a slide of human cheek cells and name the stain that I would use to make the cells easier to see.
- ☐ draw a labeled diagram of a plant cell to show the cell wall, cell membrane, cytoplasm, nucleus, chloroplasts and large vacuole.
- ☐ draw a labeled diagram of an animal cell to show the cell membrane, cytoplasm and nucleus.
- ☐ recall that a tissue is a group of similar cells with a special function. ie. nerve cells.
- ☐ recall that an organ is a group of different tissues that work together to perform a special function. i.e. the heart.
- ☐ recall that a system is made up of a group of organs working together. i.e. the digestive system.
- ☐ state that cell division is important for growth and repair.

