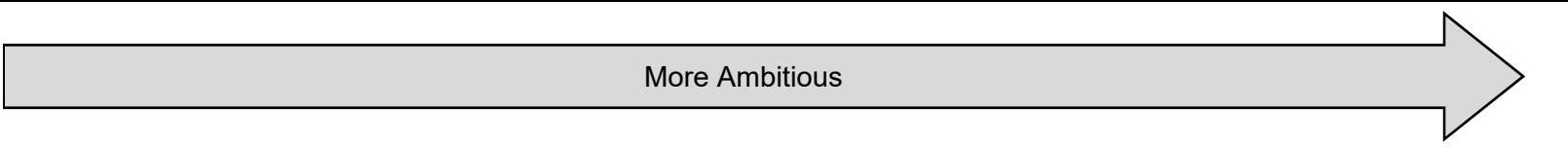


We will learn: B1 Cells

Element	More Ambitious 		
1. Knowledge: The MRSGREN approach to defining life	Describe how we define living things	Explain the meaning of at least 5 elements of MRSGREN	
2. Skills: using equipment	name parts of the microscope	Use a microscope on my own to observe a living thing	can calculate total magnification
3. Knowledge: Structure of animal cells	Name the three main parts of an animal cell	Prepare a sample of cheek cells to view under the microscope	Describe the function of each part of an animal cell
4. Knowledge: Structure of plant cells	Name the main parts of a plant cell	Describe what each part of a plant and animal cell do and prepare plant cells to look at under the microscope	Describe the similarities and differences between plant and animal cells
5. Knowledge: variety of cells	Name some examples of specialised animal and plant cells and list some simple features of each	Describe specialised features of specific animal and plant cells using key words	Explain how the features of a specialised cell help it to be adapted for its function (job)
6. Knowledge: movement of substances in and out of the cell	State simply what diffusion is	Name some substances that move into and out of cells	Explain diffusion using the particle model
7. Knowledge: about unicellular organisms	Name an example of a unicellular organism and identify some structures in an amoeba or a euglena	Describe what unicellular means and describe some structures in an amoeba and a euglena	Compare how amoeba and euglena's structures help them be adapted for survival